

Practical Tips

The electives require students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations.

Available at: www.adobe.com, select the **Get Adobe Reader** button.

- Due to the interactive nature of some of the elective activities, there are a few specific software requirements:
 - NLVM, CUP, and EB require a web browser, the following are recommended:
 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higher
 Note: EB requires cookies enabled.
 - NLVM, CUP, and EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
 - EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download

Anthropology
Archeology at Curecanti



National Park Service
U.S. Department of the Interior



Curecanti

National Recreation Area

Archeology at Curecanti

For at least the last 10,000 years humans have been passing through what is now Curecanti National Recreation Area. From years of archeological surveys, we now have a better idea of what those early Native Americans did while they were in the Upper Gunnison River Basin, how over thousands of years their hunting and gathering techniques might have changed, and what they ate, and how they cooked. There are still lots of unanswered questions. We must continue to leave all archeological clues to the trained experts so they may discover the many hidden secrets still remaining about our earliest visitors to Curecanti. So please, if you find any kind of evidence of earlier people, such as pottery pieces, or rocks that look like arrowheads, **LOOK BUT DON'T TOUCH!** It is against federal law to remove any artifacts from the exact spot they are discovered.



Hearth uncovered June 1980.

?

INSTRUCTION

If you regularly deposit \$10 per week for one year in an account that compounds 2% interest on a monthly basis, how much money would you have at year's end?

Enter the data, press Calculate, and click the end of the graph to see the amount saved.

Try other savings strategies too.

Savings Calculator

Choose to make a single deposit or regular deposits, then enter the requested information.

Single Deposit

Regular Deposits

Amount deposited:

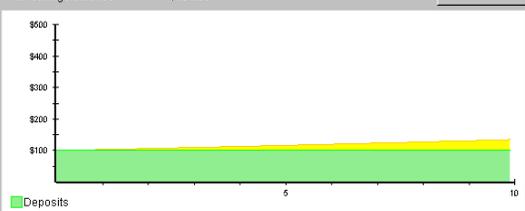
Interest:

Years:

Compounded:

Total interest earned: **\$34.58**

Final savings balance: **\$134.58**



Click on graph to see amount.

- Personal Finance has one web link to a NASA QuickTime[®] video. Your workstations will need to have the QuickTime browser plug-in installed.
Available at: www.apple.com/quicktime/download/
- Java 1.41 or higher (normally installed with your A+LS client).
- Links to the Internet are provided as resources for further exploration. In addition, numerous links to the Internet are provided in the A+ VIP Bundle. An Internet connection is required for completion of some of these courses, and is required to utilize the EB components of the A+ VIP Bundle.
- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the Essay option has been enabled.

The screenshot shows a dialog box titled "Add Activity - Single User" with a close button in the top right corner. The main content area is titled "Settings for Assignment of ALS Lesson".

There are several checkboxes and input fields:

- Allow access after mastery
- Allow tests to be reviewed
- Show answers in Practice
- Number of test questions:
- Maximum Mastery test attempts:
- Administer Pretest
- Consider mastered if Pretest mastered
- Pretest Mastery percentage:

Below these is a section titled "Mastery and Completion Rules:" with a table:

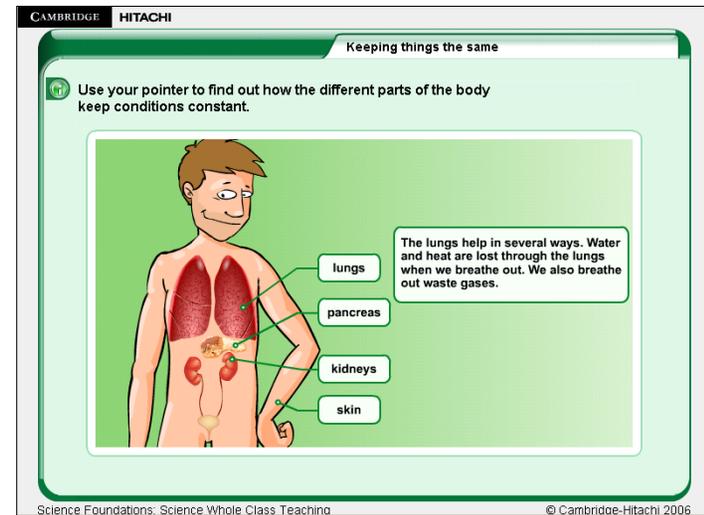
Required for mastery	Completion determined by	Value
<input type="checkbox"/> Study	Total minutes >=	<input type="text" value="20"/>
<input type="checkbox"/> Practice Test	Score >=	<input type="text" value="80"/>
<input checked="" type="checkbox"/> Mastery Test	Score >=	<input type="text" value="80"/>
<input checked="" type="checkbox"/> Essay	Score >=	<input type="text" value="80"/>

At the bottom of the dialog box are four buttons: "OK", "Cancel", "Advanced", and "Help".

Lesson Content

Cambridge Learning Objects are animations and interactive activities that enhance the concepts presented within certain elective lessons. Founded in 2003, Cambridge-Hitachi is the result of a joint venture between Cambridge University Press and Hitachi Software Engineering. Cambridge-Hitachi is committed to innovation in e-learning and applies information and communication technologies as powerful tools to enhance the quality of teaching and learning.

- The electives contain learning objects.
- Each learning object provides animated demonstrations of key health topics.



CAMBRIDGE HITACHI

Keeping things the same

Use your pointer to find out how the different parts of the body keep conditions constant.

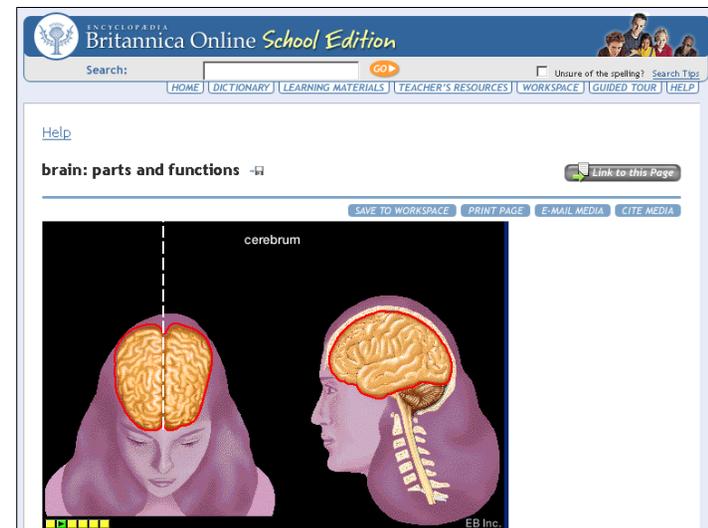
The lungs help in several ways. Water and heat are lost through the lungs when we breathe out. We also breathe out waste gases.

lungs
pancreas
kidneys
skin

Science Foundations: Science Whole Class Teaching © Cambridge-Hitachi 2006

The A+ VIP Bundle includes the *Encyclopædia Britannica Online School Edition*, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the elective courses.

- The electives contain EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.



ENCYCLOPEDIA
Britannica Online School Edition

Search: Unsure of the spelling? [Search Tips](#)

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[Help](#)

brain: parts and functions -W [Link to this Page](#)

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cerebrum

EB Inc.

The Electives each contain a variety of lessons and differ in length, grade level, and available features. Listed below are the courses found within the curriculum planning manual.

Course Name	Number of Lessons	Length of Course in Semesters	Grade Levels	Lexile Measure	NLVM
Anthropology	30	1	9-12	1130L	
Art Appreciation	25	1	9-12	1070L	
Career Essentials	32	1	9-12	1090L	
Health	39	1	9-12	1090L	
Humanities I	31	1	9-12	1090L	
Humanities II	30	1	9-12	1080L	
Lifetime Fitness	26	1	9-12	1080L	
Personal Finance	28	1	9-12	1060L	Yes
Psychology	33	1	9-12	1060L	
Sociology	28	1	9-12	1100L	

Anthropology Grade Levels 9 - 12

A+LS Anthropology introduces students to a variety of topics including:

- the foundations of the five main branches of anthropology including physical, social, linguistic, archeological, and cultural
- research of the characteristics and origin of cultures
- cultural, social, and physical development of humans
- determining why some cultures change and other cultures come to an end
- families and kinship
- Native American culture
- linguistics
- individual country studies
- foreign language use in the United States
- overview of social sciences
- quantitative and qualitative research
- paleoanthropology
- archeology

Anthropology

History of Anthropology



History of Anthropology

The roots of anthropology can be traced all the way back to early civilizations. The people of some cultures were curious about the way other groups lived and developed. The spread of civilizations such as the Greek and Roman empires had a profound effect on the people of the ancient world. Even in ancient times, people could learn from other cultures, although many people preferred to remain isolated, protecting their traditional lifestyles from outside influence and interference.

The age of exploration that began in the late 1400s changed how the cultures of the world would interact with each other.



Course Description

The A+LS™ Anthropology course presents a behavioral science that focuses on the study of humanity and culture. Anthropologists research the characteristics and origin of the cultural, social, and physical development of humans. They may also determine why some cultures change and other cultures come to an end. Students learn the foundations of the five main branches of anthropology including physical, social, linguistic, archeological, and cultural. They are provided the opportunity to apply their observational skills to the real-life study of cultures in the United States and around the world. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course or adaptive assessments developed for our elective course titles.

Course Features

- Anthropology is presented as a semester-long high school elective course.
- Most of the thirty lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- This title is certified by MetaMetrics[®] with a Lexile[®] score.

Anthropology

Anthropological Research

Deductive and Inductive Reasoning

While involved in solving problems using the scientific method, social scientists utilize both inductive and deductive reasoning.

Deductive reasoning moves from general to specific in order to reach a conclusion.

Inductive reasoning moves from specific facts to general in order to reach a conclusion. Both deductive and inductive reasoning require careful and methodical observations and the collection of large amounts of data before a conclusion can be drawn.

Science is often associated with experimentation. If data is to be valid, an experiment must be controlled. A **controlled experiment** is one in which only one variable at a time is manipulated. A **variable** is a condition in an experiment that is changed while the other conditions remain unchanged.



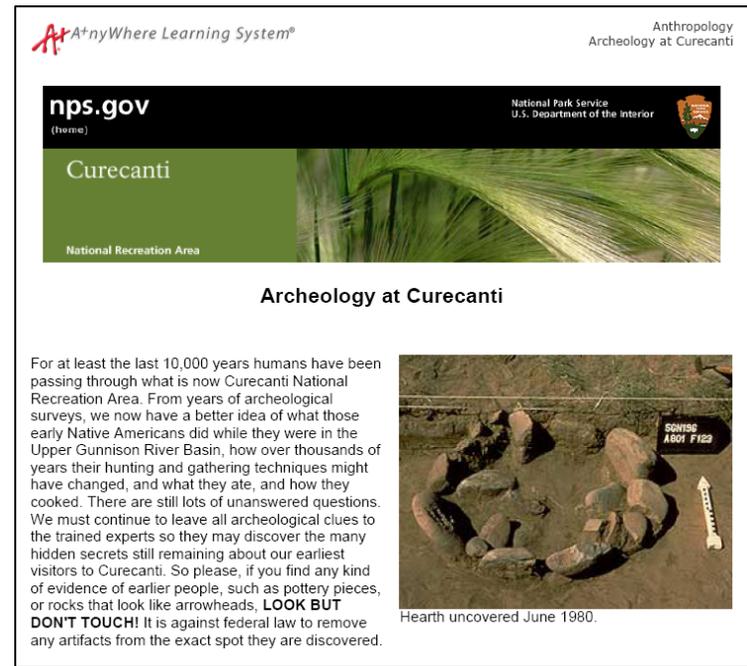
- A+[®] VIP[™] Bundle customers receive access to *Encyclopædia Britannica[®] Online School Edition (EB)* workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.

Course Objectives

- The content in these titles is designed to meet and exceed the standards of the National Council for the Social Studies (NCSS).
- Foundation lessons provide students with a solid foundation in the concepts and basic elements of anthropology.
- Students are introduced to subjects that would be researched or observed by a professional anthropologist and will access and examine primary resources linked to lessons.
- Field of observation lessons challenge students to apply their observational skills in all branches of anthropology.

Practical Tips

- The Anthropology course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations.
Available at: www.adobe.com, select the **Get Adobe Reader** button.



AnyWhere Learning System[®]

Anthropology
Archeology at Curecanti

nps.gov
(home)

National Park Service
U.S. Department of the Interior

Curecanti
National Recreation Area

Archeology at Curecanti

For at least the last 10,000 years humans have been passing through what is now Curecanti National Recreation Area. From years of archeological surveys, we now have a better idea of what those early Native Americans did while they were in the Upper Gunnison River Basin, how over thousands of years their hunting and gathering techniques might have changed, and what they ate, and how they cooked. There are still lots of unanswered questions. We must continue to leave all archeological clues to the trained experts so they may discover the many hidden secrets still remaining about our earliest visitors to Curecanti. So please, if you find any kind of evidence of earlier people, such as pottery pieces, or rocks that look like arrowheads, **LOOK BUT DON'T TOUCH!** It is against federal law to remove any artifacts from the exact spot they are discovered.

SONHS
AS01 F122

Hearth uncovered June 1980.

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 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higherNote: EB requires cookies enabled.
 - EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
 - EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download
- Numerous links to the Internet are provided in the A+ VIP Bundle.
 - An Internet connection is not required for completion of this course, but it is required to utilize the EB components of the A+ VIP Bundle.
- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.

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- Allow access after mastery
- Allow tests to be reviewed
- Show answers in Practice
- Administer Pretest
- Consider mastered if Pretest mastered
- Pretest Mastery percentage: 80
- Number of test questions: 10
- Maximum Mastery test attempts: 0

Below this is a section titled "Mastery and Completion Rules" with a table:

Required for mastery	Completion determined by	Value
<input type="checkbox"/> Study	Total minutes >=	20
<input type="checkbox"/> Practice Test	Score >=	80
<input checked="" type="checkbox"/> Mastery Test	Score >=	80
<input checked="" type="checkbox"/> Essay	Score >=	80

At the bottom of the dialog box are four buttons: "OK", "Cancel", "Advanced", and "Help".

Lesson Content

The A+ VIP Bundle includes the *Encyclopædia Britannica Online School Edition*, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the Anthropology course.

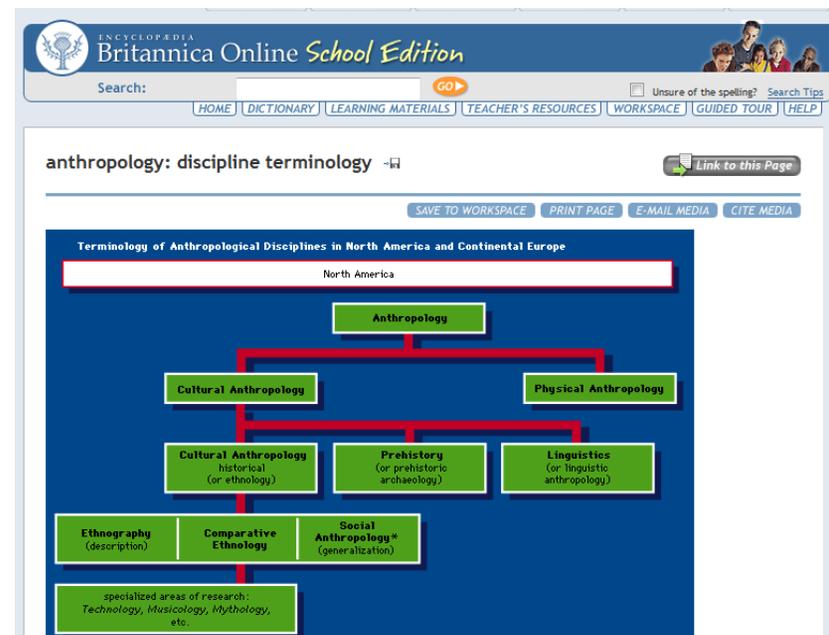
- Anthropology contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.

The lessons present Anthropology as a behavioral and social science. They are designed to move the student from a narrow focus to a broad perspective of anthropology. There are three distinct categories of lessons in this title.

Foundation Lessons

The focus of the foundation lessons is to introduce the subject of anthropology to students. The students develop a wide range of knowledge skills that can be applied to all branches of anthropology.

Overview of Anthropology
Categories of Knowledge
History of Anthropology
Anthropological Research
Physical Anthropology
Cultural Anthropology
Linguistic Anthropology
Social Anthropology
Archeology
Race and Ancestry



Branches of Anthropology

The lessons in this section expand the scope of the study of anthropology. Much of the information in the lessons was published on federal websites such as the Census Bureau and the National Park Service. These sources provide students with information that is a part of their society and culture.

Physical Anthropology Branch

Race and Ancestry
Lewis and Clark Expedition

Cultural Anthropology Branch

African American Culture
Asian Culture

Linguistic Anthropology Branch

Foreign Languages in the United States
Language and Linguistics

Social Anthropology Branch

Families and Kinship
American Indians

Archeology Anthropology Branch

Public Archeology in the United States
Mound Builders
Fossils and Dinosaurs

Applied Anthropology-Field Observation

In a field observation, an anthropologist travels to various places around the world to examine cultures. He or she may study a specific aspect of a country such as the practice of religion or local languages and dialects. Anthropologists may also observe the entire culture and society of a country including its social institutions. The field observation will be conducted in the following areas: geography, society, population, demography, families, ethnic groups, religion, languages, education and literacy, welfare, capital, major cities, historical background, economy, government, and politics. The scope of each lesson has been expanded to the field observation of an entire country. Essay assignments place students in the position of a professional anthropologist.

The lessons in this category give the student the opportunity to do a field observation in ten countries. These countries are divided geographically in the following areas: Africa, Asia, Europe, Pacific Rim, and South America.

Africa

Kenya
Libya

Asia

Afghanistan
Syria

Europe

Bulgaria
Turkey

Pacific Rim (nations that border the Pacific Ocean)

Indonesia
Philippines

South America

Colombia
Venezuela

Encyclopædia Britannica, Inc.

	Lesson Title	Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
1	Overview of Anthropology	Anthropology as a behavioral science; five main branches of anthropology: physical, cultural, linguistic, archeological, and social; applied anthropology, the study of anthropology, and sociology; research designs used by an anthropologist; behavior, social institutions, culture, population, and minorities; American Anthropological Association	Study: EB Learning Material Web Link to American Anthropological Association Essay: Collage
2	Categories of Knowledge	Describe how the field of anthropology is related to the other social sciences; social sciences: anthropology, psychology, sociology, economics, political science, history, and geography; relationship of social sciences to the study of the humanities and natural sciences; definition of knowledge; categories of knowledge: social sciences, humanities, and natural sciences; U.S. Department of Labor job descriptions: social scientists; careers in the National Park Service	Study: EB Learning Material 6 .PDFs, Park Ranger, Administrative, Maintenance, U.S. Park Police, Guard, Other Careers Essay: Persuasive
3	History of Anthropology	History of anthropology, difference between cultural and physical anthropology; Charles Darwin; Karl Marx; Lewis Henry Morgan,; Franz Boas; Bronsilaw Malinowski; Alfred Reginald Radcliffe Brown; Enlightenment and Industrial Revolution, and the development of anthropology: evolutionism, ethnocentrism, cultural diffusion, pluralism, functionalism, structural-functionalism, and modern anthropology	Study: EB Learning Material Essay: Persuasive
4	Anthropological Research	Research activities conducted by a social scientist; steps in a research project: identify problem, research, hypothesis, method, sample size, gather data, analyze data, and conclusion; quantitative and qualitative research; independent variable, dependent variable, sample, population, bias, objectivity, reliability, and validity; research designs: surveys, interviews, field observations, participant observations, and external data analysis	Study: EB Learning Material Essay: Narrative

Lesson Title		Lesson Content	Essays & Media
<i>Physical Anthropology</i>			
5	Physical Anthropology	Physical anthropology: paleoanthropology, paleontology, paleopathology, primatology, osteology, forensic anthropology, and anthropometry; history of physical anthropology; Gregor Mendel and heredity; humans from prehistory to the modern day; <i>homonids</i> : (<i>Australopithecus</i>), <i>Homo habilis</i> , <i>Homo Erectus</i> , <i>Homo sapiens</i> : Cro-Magnon, Neanderthal, and <i>Homo sapiens sapiens</i> ; race categories; Single Origin Theory, Multiple Origin Theory, and Geographical Race Theory	Study: EB Learning Material Essay: Letter to the Editor
6	Race and Ancestry	Race categories on Census 2000; location of categories of race and ancestry in the regions, states, and cities in the United States; characteristics of the categories of race; use of race categories in the study of humans; ancestry of the U.S. population; population groups that listed two or more races on Census 2000	Study: EB Learning Material 3 .PDFs, Overview of Race and Origin: 2000, Ancestry: 2000, The Two or More Races Population 2000 Essay: Expository
7	Lewis and Clark Expedition	Field observation; Lewis and Clark Expedition; Louisiana Purchase; Indian tribes: Shawnee & Delaware, Kickapoo, Osage, Kansa, Kaw, Pawnee, Omaha, Cheyenne, Arikara, Assiniboin, Shoshone, Nez Perce, and Chinookan Tribes; society of the United States at the time of the Lewis and Clark Expedition	Study: EB Learning Material Web Link to Journey of Discovery, American Indians, Shawnee and Delaware, Kickapoo, Omaha, Shoshone, Osage, Cheyenne, Kansa, Arikara, Chinookan Tribes, Pawnee, Assiniboin, Nez Perce Essay: Narrative .PDF, Lakota Sioux Indians

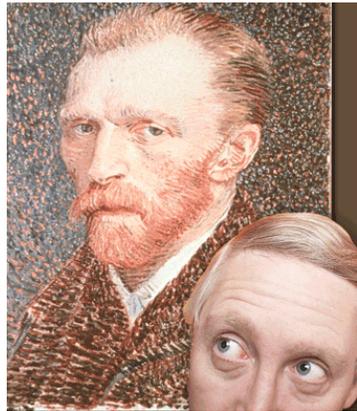
	Lesson Title	Lesson Content	Essays & Media
<i>Cultural Anthropology</i>			
8	Cultural Anthropology	Cultural anthropology: ethnology, ethnography, applied anthropology, visual anthropology, medical anthropology, behavior ecology, ethnomusicology, ecological anthropology, and cross-cultural studies; material and nonmaterial elements of a culture, enculturation, acculturation, pop culture, cultural diffusion, subcultures, and multiculturalism; norms of a society: folkways, mores, and laws; characteristics of all cultures: labor division, laws against incest, rules for marriage, structure of families, rites of passage, and ideology	Study: EB Learning Material Essay: Narrative
9	African American Culture	Africanism; slave trade; abolitionist movement; Reconstruction; Black studies in higher education; slavery in the American colonies; Great Migration; 13 th , 14 th , 15 th , and 19 th Amendments; <u>Plessy v. Ferguson</u> ; discrimination and segregation; Martin Luther King Jr.; Southern Christian Leadership Conference; Congress of Racial Equality; National Association for the Advancement of Colored People boycotts; freedom rides; nonviolent protests; "Bloody Sunday"; Medgar Evers; Civil Rights Acts of 1964 and 1965; U.S. Census 2000	Study: EB Learning Material 7 .PDFs, Africa in America: An Introduction, We Shall Overcome, The Need for Change, The Players, The Strategy, The Cost, The Prize Essay: Persuasive
10	Asian Culture	Immigration history of the Japanese and Chinese in America; contributions of Asians to the American culture; European exploration of Asia and other continents; geographic location and the countries and bodies of water that border Asia; treatment of the Japanese-Americans during World War II; the settlement of Asians in countries and continents around the world; U.S. Census 2000	Study: EB Learning Material .PDF, Asia in America: An Introduction Essay: Descriptive
<i>Linguistic Anthropology</i>			
11	Linguistic Anthropology	Linguistic anthropology: ethnolinguistics, sociolinguistics, synchronic linguistics, etymology, linguistic typology, philology, and semantics; language description; organization of language; language families: Albanian, Armenian, Baltic, Slavic, Celtic, Germanic, Greek, Indo-Aryan, Iranian, and Romance; language elements; history of linguistics, comparative and historical linguistics, and descriptive linguistics	Study: EB Learning Material Essay: Persuasive

Art Appreciation Grade Levels 9 - 12

A+LS Art Appreciation introduces students to a variety of topics including:

- a survey of the visual arts of painting, sculpture, architecture, and the principles of design
- the history and art of both past and present world cultures
- observing, identifying, comprehending, and evaluating various forms and styles of art
- art vocabulary terms
- elements of art
- design, movement, balance, pattern, unity, and emphasis

Art Appreciation Evaluating Works of Art



EVALUATING WORKS OF ART

With reference to art, the word criticism is a process of asking questions and evaluating. This process is used to discover the meaning of the work or the intent of the artist. Most people make some form of critical analysis when they listen to music or watch a movie to determine whether or not they like it. The same applies when looking at art.

Effective art criticism is an organized process of observation and evaluation that is designed to help a person make an informed decision regarding the successfulness of a work of art.



Course Description

A+LS[™] Art Appreciation is a survey of the visual arts of painting, sculpture, architecture, and the principles of design. The course will enable students to develop an understanding of how an artist has the power to inspire and inform the viewer by making a personal, social, political, or religious statement. Students will also explore the history and art of both past and present world cultures. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course and adaptive assessments developed for our elective course titles.

Course Features

- Art Appreciation is presented as a semester-long high school elective course.
- All twenty-five lessons contain study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- Students will be given the opportunity to apply their art observation and evaluation skills through two virtual field trips.
- This title is certified by MetaMetrics[®] with a Lexile[®] score.
- A+[®] VIP[™] Bundle customers receive access to *Encyclopædia Britannica[®] Online School Edition (EB)* workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.

Art Appreciation National Mall Field Trip

Assignments:

- Visit the National Park Service website for each memorial.
- Read the brochure published by the National Park Service that is available at each website.
- Complete the worksheet that outlines the assignment for this lesson. This worksheet is based on the four elements (description, analysis, interpretation, and judgment) of evaluating a work of art and will be used in future assignments.

Click on the map icon to locate the six memorials.



Worksheet  

Course Objectives

- The content in this course is based on standards developed by the Consortium of National Arts Education Associations. The full set of arts standards can be found at the following website: artsedge.kennedy-center.org/teach/standards.cfm.
- The Art Appreciation course provides students with the necessary knowledge, tools, and skills to observe, evaluate, and appreciate the quality and styles of artworks.
- The course explores career opportunities in diverse fields of art and is designed to enable students to identify, observe, comprehend, and evaluate various forms and styles of art.
- Lessons examine a variety of sculpture, architecture, and works of major artists.
- Students analyze major historical art periods and discuss how artists use the principles of design.

Practical Tips

- The Art Appreciation course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations.
Available at: www.adobe.com, select the **Get Adobe Reader** button.
- Links to Internet are provided as resources for viewing, exploration, and understanding of modern art. An Internet connection is required for both lesson content and the A+ VIP Bundle add-ons.

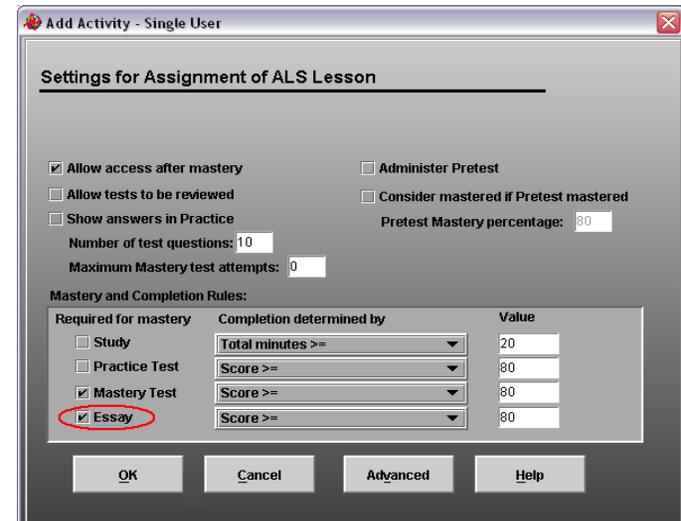
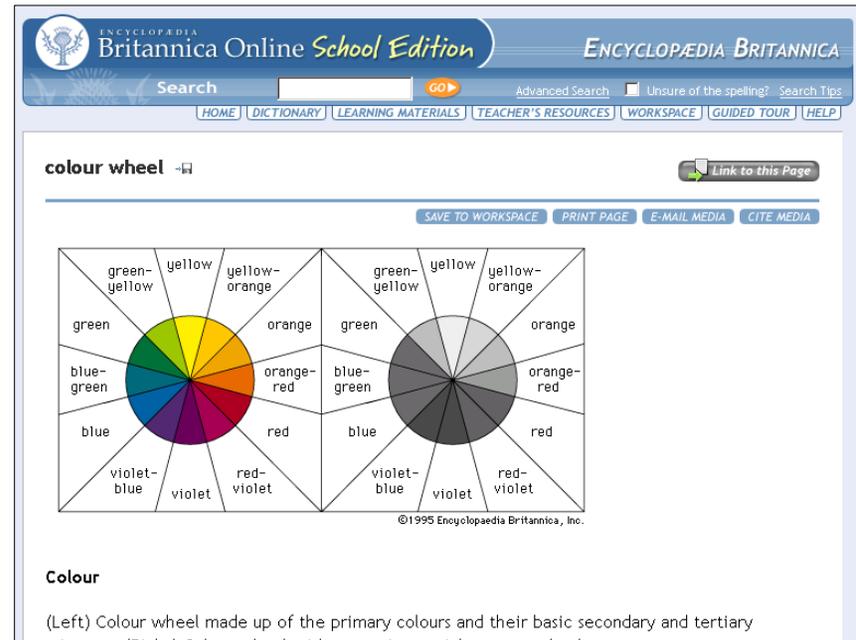
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- EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).

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- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.



Lesson Content

The Art Appreciation course has four distinct sections that focus on the development of a student as an informed art critic.

Introduction to Art

The students are provided with a working definition, basic vocabulary, and important theories of art.

Definition of Art
Art Vocabulary 1

Art Vocabulary 2
Evaluating Works of Art

Function and Purpose of Art

The *Elements of Art* introduce the students to the essence of art and consist of line, value, shape and form, space, texture, and color. These are the tools artists use in creating artwork. The *Principles of Design* are the ways in which artists utilize the elements in creating art. The elements are balance, movement, emphasis, variety, unity, and pattern.

Elements of Art - Line
Elements of Art - Value
Elements of Art - Shape and Form
Elements of Art - Space
Elements of Art - Texture
Elements of Art - Color

Principles of Design - Balance
Principles of Design - Movement
Principles of Design - Emphasis
Principles of Design - Variety
Principles of Design - Unity
Principles of Design - Pattern

Periods of Art

The lessons that cover architecture, sculpture, and art history provide the students with valuable background information that will help them effectively observe, identify, and evaluate works of art.

Sculpture
Architecture
Art History 1

Art History 2
Art History 3
Art History 4

Exploration of Art

The students will learn how to observe and evaluate a work of art using description, analysis, interpretation, and judgment. They will also be given the opportunity to go on two virtual field trips where they can apply their art observation and evaluation skills.

Art Careers
National Mall Field Trip
United States Senate Field Trip

A+ VIP Bundle

The A+ VIP Bundle includes the *Encyclopædia Britannica Online School Edition*, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the Art Appreciation course.

- Art Appreciation contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.

Lesson Title		Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
<i>Introduction to Art</i>			
1	Definition of Art	Definitions and description of art: medium, media, aesthetic value; theories: Imitationalism, Formalism, and Emotionalism; elements of art: line, value, shape and form, space, texture, and color; principles of design: balance, movement, emphasis, variety, unity, and pattern; composition; evaluation of art: describe, analyze, interpret, and judgment; criticism in art	Study: EB Learning Material Essay: Descriptive
2	Art Vocabulary 1	Review of art vocabulary terms: medium, value, shading, painting, oil-based paint, two-dimensional artwork, three-dimensional artwork, drawing, water-soluble paint, analysis, description, interpretation, judgment, elements of art, principles of design, and paint media	Study: EB Learning Material Essay: Paragraph Writing and Art Evaluation .PDF, Evaluation of Artwork Worksheet
3	Art Vocabulary 2	Sculpture and architectural terms: sculpture in the round, carving, Ionic column, arch, relief sculpture, assembling, armature, sculpture, architecture, dome, Corinthian column, capital, buttresses, Doric column, modeling, truss, casting, portrait bust, and vault	Study: EB Learning Material Essay: Descriptive 3 .PDFs, Responsibilities of the Architect of the Capitol, The Architects of the Capitol Since 1793, Architectural Features and Historic Spaces
4	Evaluating Works of Art	Definition of criticism and critiquing; explanation of the four-step process of evaluation: describe, analyze, interpret, and judgment	Study: EB Learning Material Essay: Art Evaluation
<i>Elements of Art</i>			
5	Elements of Art - Line	Definition of line; use of lines in art; types of lines: straight, diagonal, vertical, horizontal, straight, curvy, and zigzag; description of lines: outline, contour line, gesture line, and implied line; blind contours, modified contours, and cross contours; expressive qualities of lines	Study: EB Learning Material Essay: Expository
6	Elements of Art - Value	Definition of value; creating value using linear shading; techniques to create value with pencil and pen including: hatch, crosshatch, scribble, and stippling; pointillism; explanation of value scales; how value is used in art; contrast; shading; tint or tinting	Study: EB Learning Material Essay: Descriptive

	Lesson Title	Lesson Content	Essays & Media
7	Elements of Art - Shape and Form	Definition of shape and form; shapes: geometric, organic, and free-form; three shapes as 2-D images; forms: sphere, cone, pyramid, cube, and cylinder; five forms as 3-D images	Study: EB Learning Material Essay: Expository
8	Elements of Art - Space	Definition of space; drawing with positive space (figure); drawing with negative space (ground); techniques to create illusion of space: linear perspective, size, placement, overlapping, value, detail, and atmospheric perspective	Study: EB Learning Material Essay: Paragraph Writing
9	Elements of Art - Texture	Definition of texture; real texture; visual texture; matte surface; creating drawings with surface textures	Study: EB Learning Material Essay: Descriptive
10	Elements of Art - Color	Definition of color; color spectrum; properties of color: intensity, value, and hue; tint and shading; primary, secondary, and tertiary colors and how they are created; color schemes: monochrome, analogous, triad, complimentary, and split complimentary; color temperatures and expressive moods of color	Study: EB Learning Material Web Link to Pablo Picasso – The Tragedy Essay: Expository
<i>Principles of Design</i>			
11	Principles of Design - Balance	Definition of balance; types of balance: asymmetrical, symmetrical, and radial; formal and informal balance	Study: EB Learning Material Essay: Descriptive
12	Principles of Design - Movement	Definition of movement; focal point; visual rhythm; repetition; exploring ways to show physical and implied movement; real action; Futurists; dynamism; mobiles	Study: EB Learning Material Essay: Descriptive
13	Principles of Design - Emphasis	Definition of emphasis; exploring ways to use emphasis to create a focal point or center of interest; visual emphasis; creating emphasis using color, values, and shapes; techniques to create emphasis: contrast, isolation, location, proportion, and converging lines	Study: EB Learning Material Essay: Expository
14	Principles of Design - Variety	Definition of variety; demonstrate variety by placing elements of art next to each other; demonstrate contrast using values, colors, and textures	Study: EB Learning Material Essay: Compare and Contrast
15	Principles of Design - Unity	Definition of unity; visual unity; unified composition; harmonious composition; cohesive order; overlapping objects to achieve unity	Study: EB Learning Material Essay: Compare and Contrast
16	Principles of Design - Pattern	Definition of pattern; rhythm, and repetition; composition; patterns in nature; using lines, shapes, and color to create patterns; regular and irregular patterns	Study: EB Learning Material Essay: Expository

Lesson Title		Lesson Content	Essays & Media
<i>Periods of Art</i>			
17	Sculpture	Exploring three stylistic categories of sculpture: realistic, abstract, and nonobjective; subtractive and additive types of sculpture; assemblage; kinetic sculpture; earth art or earthworks; aerial art; modeling; carving; casting; sculpture in the round; nonobjective style	Study: EB Learning Material Web Link to The Architect of the Capitol-The Columbus Doors, The National Statuary Hall Collection, Indian Mounds of Mississippi Essay: Narrative Web link to Sitka National Historical Park
18	Architecture	Architecture as a functional art form; methods of construction: post and lintel, arch, vaults, dome; use of iron, concrete, and steel in buildings; creative concepts in architectural design and stability; skyscrapers	Study: EB Learning Material Web Link to Charleston; South and West Texas; Early History of the California Coast; Southeastern Louisiana; Delaware/Lehigh National Heritage Corridor; James River Plantations; Historic Places in Seattle, Washington, DC; Hardin County, Iowa; American Southwest; Central Vermont Essay: Compare and Contrast
19	Art History 1	Exploration of historical periods of art: Prehistoric Art, Ancient Egypt, Ancient Greece, Etruscan Art, and Ancient Rome	Study: EB Learning Material Essay: Compare and Contrast, and Persuasive

	Lesson Title	Lesson Content	Essays & Media
20	Art History 2	Exploration of historical periods of art: Medieval Period, Byzantine, Romanesque, Gothic, Renaissance, and Mannerism	Study: EB Learning Material Web Link to Early Renaissance Art, High Renaissance Art, Mannerism, Northern Renaissance Art Essay: Compare and Contrast
21	Art History 3	Exploration of historical periods of art: Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, and the Hudson River School	Study: EB Learning Material Web Link to Baroque Art, Hudson River School, Impressionism, Neoclassical Art, Post-Impressionism, Rococo Art, Romanticism Essay: Compare and Contrast and Art Evaluation .PDF, Evaluation of Artwork Worksheet
22	Art History 4	Modernism, Expressionism, Cubism, Surrealism, Ashcan School, The Harlem Renaissance, Regionalism, Abstract Expressionism, Pop Art, Op Art, Photorealism, and Postmodernism	Study: EB Learning Material Web Link to Salvador Dali, Andy Warhol, Joan Mitchell, Roy Lichtenstein, M.C. Escher, Richard Estes Essay: Persuasive Web Link to Abstract Expressionism, Cubism, Dada/Surrealism, Expressionism, Pop Art

Lesson Title		Lesson Content	Essays & Media
<i>Exploration of Art</i>			
23	Art Careers	Discussion of careers related to art: art teacher, botanical illustrator, cartographer, digital designer, effects animator, fashion designer, game designer, interior decorator, jeweler, kinetic artist, landscape architect, museum curator, needle worker, outdoor advertising designer, photojournalist, quick sketch artist, restorer, scene painter, type designer, urban designer, visual development artist, graphic designer, advertising designer, web artist, product designer package designer, and art therapist	Study: EB Learning Material Web Link to Occupational Outlook Handbook Essay: Descriptive Essay and Paragraph Writing
24	National Mall Field Trip	A virtual field trip to the National Mall in Washington, DC to visit and evaluate the following monuments and memorials: Franklin Delano Roosevelt Memorial, Thomas Jefferson Memorial, Korean War Veterans Memorial, Lincoln Memorial, Vietnam Veterans Memorial, Washington Monument	Study: EB Learning Material 14 .PDFs, National Mall, Evaluation of Artwork Worksheet, FDR Memorial Brochures, Jefferson Memorial Brochures, Korean War Veterans Memorial Brochures, Lincoln Memorial Brochures, Vietnam Veterans Brochures, Washington Monument Brochures Web Link to National Park Service: Roosevelt Memorial, Korean War Veterans Memorial, Lincoln Memorial, Vietnam Veterans Memorial, Washington Monument; Jefferson National Expansion Memorial Essay: Art Evaluation

	Lesson Title	Lesson Content	Essays & Media
25	United States Senate Field Trip	A virtual field trip to view and evaluate the historical artwork in the United States Senate	Study: EB Learning Material .PDF, Evaluation of Artwork Worksheet Web Link to U.S. Senate Gallery - Paintings Essay: Art Evaluation Web Link to U.S. Senate Gallery - Paintings

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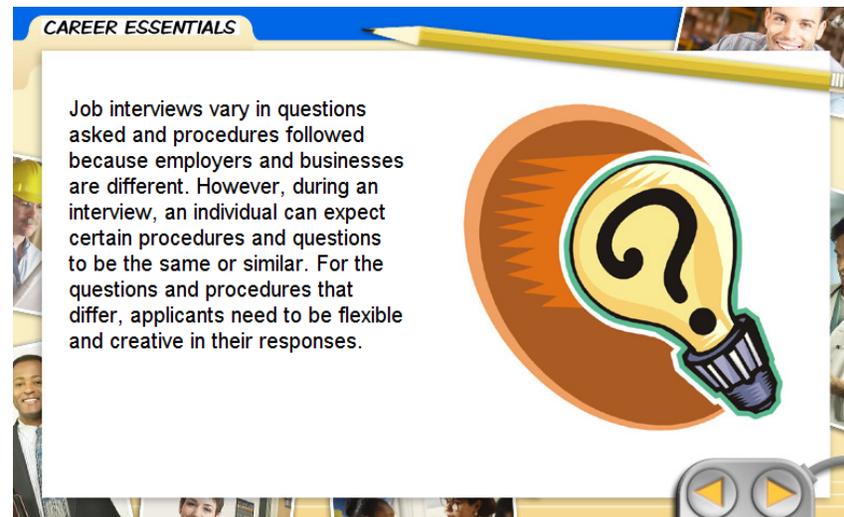
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Career Essentials Grade Levels 9 - 12

A+LS Career Essentials introduces students to a variety of topics including:

- how to deal with the various aspects of the job search
- resume writing
- resume targeting
- job interviewing
- thank you letters
- prospective job offers
- employee and employer working relationships
- self management
- obtaining work credentials
- Fair Labor Standards Act
- job search strategies
- professional networking
- employment training and education
- job regulations
- communicating with coworkers
- teamwork
- employee paychecks and benefits
- savings and retirement
- workplace opportunities
- changing careers
- transitioning jobs

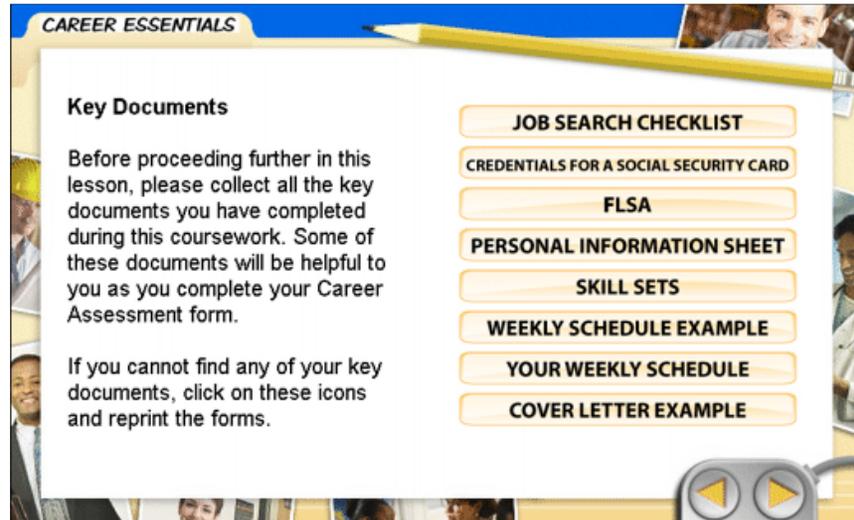


Course Description

The choice of a career is an integral aspect of the personal and social development of an individual, and being prepared for a job search increases the chances of success. The *A+LS*[™] Career Essentials course prepares students to deal with the various aspects of the job search, such as resume writing, job interviewing, thank you letters, and prospective job offers. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course or adaptive assessments developed for our elective course titles.

Course Features

- Career Essentials is presented as a semester-long high school elective course.
- All thirty-two lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- This title is certified by MetaMetrics[®] with a Lexile[®] score.
- *A+*[®] VIP[™] Bundle customers receive access to Encyclopædia Britannica Online School Edition[®] (EB) workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.



Course Objectives

- The content in this course addresses many standards of the National Business Education Association and the National Career Development guidelines.
- This course examines the social, personal, professional, and financial aspects of a career and is designed to focus students on the transition from an educational setting to a professional work environment.
- Students will create a career portfolio of key documents to be used in a job search.
- Numerous lessons access information from government sources regarding topics such as Social Security regulations, taxes, and individual retirement accounts (IRAs).

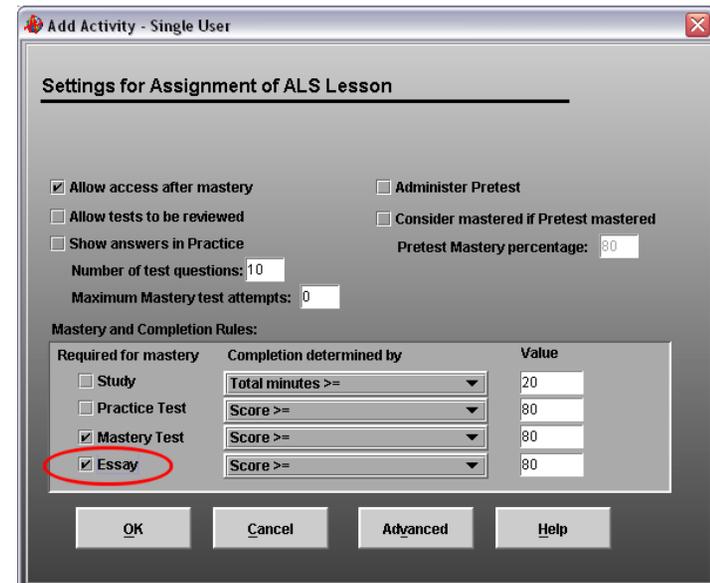
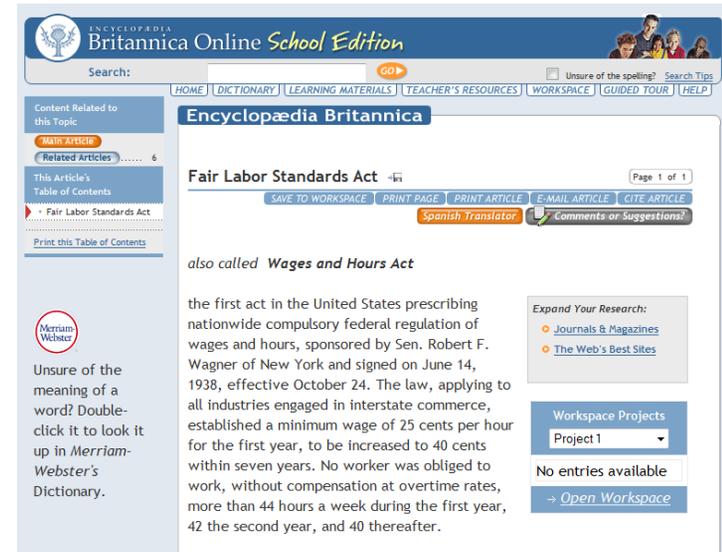
Form W-4		Employee's Withholding Allowance Certificate		OMB No. 1545-0074
Department of the Treasury Internal Revenue Service		▶ Whether you are entitled to claim a certain number of allowances or exemption from withholding is subject to review by the IRS. Your employer may be required to send a copy of this form to the IRS.		2006
1	Type or print your first name and middle initial.	Last name	2 Your social security number	
Home address (number and street or rural route)		3 <input type="checkbox"/> Single <input type="checkbox"/> Married <input type="checkbox"/> Married, but withheld at higher Single rate. Note: If married, but legally separated, or spouse is a nonresident alien, check the "Single" box.		
City or town, state, and ZIP code		4 If your last name differs from that shown on your social security card, check here. You must call 1-800-772-1213 for a new card. ▶ <input type="checkbox"/>		
5	Total number of allowances you are claiming (from line H above or from the applicable worksheet on page 2)		5	
6	Additional amount, if any, you want withheld from each paycheck		6	\$
7	I claim exemption from withholding for 2006, and I certify that I meet both of the following conditions for exemption. <ul style="list-style-type: none"> • Last year I had a right to a refund of all federal income tax withheld because I had no tax liability and • This year I expect a refund of all federal income tax withheld because I expect to have no tax liability. If you meet both conditions, write "Exempt" here ▶ 7			
Under penalties of perjury, I declare that I have examined this certificate and to the best of my knowledge and belief, it is true, correct, and complete.				
Employee's signature (Form is not valid unless you sign it.) ▶			Date ▶	
8	Employer's name and address (Employer: Complete lines 8 and 10 only if sending to the IRS.)		9	Office code (optional)
			10	Employer identification number (EIN)
For Privacy Act and Paperwork Reduction Act Notice, see page 2.			Cat. No. 10220Q Form W-4 (2006)	

Practical Tips

- The Career Essentials course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations.
Available at: www.adobe.com, select the **Get Adobe Reader** button.
- Numerous links to the Internet are provided in the A+ VIP Bundle. An Internet connection is not required for completion of this course, but it is required to utilize the EB components of the A+ VIP Bundle.

- Due to the interactive nature of the A+ VIP Bundle, there are a few specific software requirements:
 - EB requires a web browser, the following are recommended:
 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higher
 Note: EB requires cookies enabled.
 - EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
 - EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download

- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.



Lesson Content

The lessons in the Career Essentials course are divided into six units of study. These units are designed to guide the student through the process of a career search. The lessons identify the skills that are necessary to be successful in obtaining and keeping a job.

- Unit 1 - Understanding the Employer-Employee Relationship
- Unit 2 - What Employers Want From Employees
- Unit 3 - Preparing for the Job Search
- Unit 4 - The Job Search and Interview Process
- Unit 5 - Keeping a Job and Building on Your Success
- Unit 6 - Financial and Career Planning for the Future

The A+ VIP Bundle includes the Encyclopædia Britannica Online School Edition, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the Career Essentials course.

- Career Essentials contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.



The screenshot displays the Encyclopædia Britannica Online School Edition interface. At the top, there is a search bar and navigation links for HOME, DICTIONARY, LEARNING MATERIALS, TEACHER'S RESOURCES, WORKSPACE, GUIDED TOUR, and HELP. Below the search bar, there is a video player for a video titled "Ford Motor Company (Duration: 1:00)". The video player includes a play button, a progress bar, and a "Link to this Page" button. Below the video player, there are buttons for "SAVE TO WORKSPACE", "PRINT PAGE", "E-MAIL MEDIA", and "CITE MEDIA". The video content shows a factory setting with workers and a car on an assembly line. Below the video player, the media format is listed as "Media Format: © Windows Media © MPEG-4". A caption below the video reads: "In 1913 the Ford Motor Company's plant in Highland Park, Michigan, introduced the revolutionary moving assembly line."

Lesson Title		Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
<i>Unit 1: Understanding the Employer-Employee Relationship</i>			
1	Why Work?	Psychology of work; individual wants and needs; rewards of working including: the purchase of material goods and services, and personal accomplishments; job search specifics; planning your time; job search checklist	Study: .PDF, Job Search Checklist Essay: Descriptive
2	Employer and Employee Relationships	Three simple truths involved in a work search; what an employer wants from an employee; what an employee wants from an employer; presenting personal skills to a potential employer; job and college application process	Study: Web Link to Equal Employment Opportunity Commission: Your Rights, Your Responsibilities, Your Responsibilities as an Employee, Your Responsibilities as a Manager, Tips for Youth @ Work Essay: Persuasive
<i>Unit 2: What Employers Want From Employees</i>			
3	Employers Want Solutions	Specific job requirements: appropriate attire, arrival time, and task performance; employee evaluation	Study: .PDF, Dressing for Success Essay: Persuasive
4	Employee Skills	Job skills: self-management, job content, transferable, critical thinking, communication, organizational, mathematical, cognitive, manual dexterity, and efficiency skills; entry level jobs; the Secretary's Commission on Achieving Necessary Skills (SCANS); skill sets: basic skills, thinking skills, and personal qualities; competency skills: resources, interpersonal, information systems, and technology	Essay: Compare and Contrast
<i>Unit 3: Preparing for the Job Search</i>			
5	Work Credentials	Identifying and obtaining essential work credentials; overview of Social Security; Social Security card and number; immigration papers; working papers; work permit; age restrictions on job duties; Fair Labor Standards Act	Study: EB Learning Material 2 .PDFs, Social Security Card Credentials, Fair Labor Standards Essay: Letter Writing

	Lesson Title	Lesson Content	Essays & Media
6	Employment Barriers	Creating a work schedule; child care, elder care, transportation, household chores, family/personal obligations, school/training hours, and extracurricular activities; work schedule options and time management organization	Study: 2 .PDFs, Weekly Schedule Example, Your Weekly Schedule Essay: Expository
7	Personal Information Sheet	Developing a personal information sheet that might be valued by potential employers: education, paid and unpaid work experiences, life experiences, interests and other related competencies; electronic and paper applications; job application tips	Study: 2 .PDFs, Federal Employment Application, Personal Information Sheet Essay: Descriptive
8	Cover Letters	Use of cover letters as an introduction to the employer to obtain an interview; elements of a cover letter; drafting different types of cover letters	Study: .PDF, Cover Letter Example Essay: Letter Writing
9	Creating a Resume	Understanding the job market and the purpose of a resume; types of resumes: chronological, functional, combination, and targeted; skill sets; resume format: beginning and final drafts; review of resumes by employers	Study: 3 .PDFs, Skill Sets, Skill Sets Example, Resume Example Essay: Resume Writing .PDF, Resume Example
10	Resume Development	Resume diversity; resume details; targeted resume; identifying personal skills; chronological, functional, combination, and electronic resumes; word processor formatting	Study: 5 .PDFs, Target Resume, Chronological Resume, Functional Resume, Sue Miller's Plain Text Resume, Plain Text Resume Essay: Resume Writing .PDF, Resume Example
11	Employment References	Purpose and importance of obtaining good personal and professional references; how the employer uses these references to verify the information on a resume; references available upon request; employment reference guidelines and references from prior employers	Essay: Letter Writing
12	Looking for a Job	Challenges of a job search; strategies for a successful job search; risking rejection; how to handle the personal and professional pressures of a new job; negative behaviors	Essay: Descriptive

Lesson Title		Lesson Content	Essays & Media
13	Career Portfolio	Creating a career portfolio; job search and career assessment; key documents for the career portfolio: job search checklist, Social Security information, Fair Labor Standards Act information; skill sets, weekly schedule, job preferences or requirements, cover letter, resume, personal information sheet, and professional and personal references	Study: 9 .PDFs, Job Search Checklist, Social Security Card Credentials, Fair Labor Standards, Personal Information Sheet, Skill Sets, Weekly Schedule Example, Your Weekly Schedule, Cover Letter Example, Career Assessment Essay: Persuasive
<i>Unit 4: The Job Search and Interview Process</i>			
14	First Job	Using a beginning job to achieve short-term goals such as making money and gaining work experience; worker demographics, education, and wages; types of occupations: service, sales, office, administrative support, construction and extraction, production, and typical entry level jobs; evaluating the pros and cons of a beginning job	Essay: Descriptive
15	Networking	Team approach to finding job openings; hidden job market; techniques for developing and maintaining a large, successful, and expanding personal network; use of networks to identify possible job openings and/or obtaining a personal reference to meet with employers; informational interview	Study: .PDF, Letter of Introduction Example Essay: Expository
16	Employment Advertisements	Importance of job advertisements; published and online advertisements; how to respond to a job advertisement; online job searches and job banks; descriptive words for resumes	Essay: Descriptive
17	Employment and Training Agencies	Federal system of employment services and job training; Workforce Investment Act of 1998; Workforce Investment Board; one-stop centers; free job seeking services; special services for teenagers and at-risk youth; Job Corps	Study: EB Learning Material Essay: Expository
18	Preparing for the Interview	Guidelines for the interview process; identifying skill sets; learning about the employer and the requirements of the position; preparing for typical interview questions; appropriate and inappropriate interview questions; interview tips	Essay: Descriptive

Lesson Title		Lesson Content	Essays & Media
19	Interview Strategies	Discussion of the interview process; strategies for a successful interview; phases of a typical job interview: meet and greet, employer and employee question period, and closing; purpose and importance of writing a follow-up thank you note	Study: .PDF, Occupational Outlook Quarterly: Interview Tips Essay: Expository
<i>Unit 5: Keeping a Job and Building on Your Success</i>			
20	Basic Job Regulations	First day on the job and typical first week activities; probation period; job coaching and job shadowing; interacting with customers; personnel forms and orientation; office policies; appropriate employee dress, positive attitude, effort, punctuality, and manners; separation of personal issues from the workplace; how the boss and co-workers perceive a new worker; importance of controlling any negative emotions or feelings	Study: EB Learning Material Essay: Narrative
21	Communicating with Co-workers	Importance of getting along with co-workers; organizational chart; becoming part of the team; techniques for dealing with problematic co-workers; keeping personal life issues separate from the workplace; sexual harassment issues and guidelines	Study: EB Learning Material Essay: Expository
22	Supervisors and Employees	Job stress and causes of job stress; clarifying responsibilities and resources of the job; tactfully asking for assistance; accepting constructive criticism; how to create a positive relationship with a supervisor and/or employer; effective communication; chain of command; unions; Office of Personnel Management	Study: EB Learning Material .PDF, Management Models Essay: Expository
23	Employees and Customers	Why the customer is important; types of customer services; elements of quality customer service: courtesy, prompt attention, reliability, personal attention, knowledgeable staff, empathy, dialogue and exchange of information with the customer, difference between hearing and listening, understanding the customer's needs, effective communication, dealing with irate customers, senior citizens, and customers with disabilities	Study: EB Learning Material .PDF, Accessibility Benefits for Seniors and Disabled Customers Essay: Expository
24	Workplace Opportunities	Career advancement and expansion; experience on the job is an opportunity for learning; job performance: exceeding job performance expectations; networking on the job; developing technical skills; continuing education and career goals	Essay: Expository
25	Teamwork	Characteristics of a good employee and an effective leader; the money factor; need for an effective employer; employee participation in the decision making process; responsibility and teamwork	Essay: Persuasive
26	Changing Jobs	Resigning from a job professionally; critical timing; employer reaction to an employee's resignation; preparing for the last day of work and completing assigned tasks; using an employer as a future reference	Study: .PDF, Career Myths Essay: Letter Writing

Lesson Title		Lesson Content	Essays & Media
Unit 6: Financial and Career Planning For the Future			
27	Paycheck Information	Payroll terms: worker's gross pay and net pay, payroll withholdings and deductions, pay stub, taxable income, earned income, unearned income, federal income tax withholdings, W-4 forms, personal allowances worksheet, employer's tax guide, Federal Social Security Tax withholding, Federal Medicare Tax withholding, state income tax withholdings, and gratuities and tips; regulations on submitting tax returns; Earned Income Tax Credit	Study: EB Learning Material .PDF, Form W-4 Essay: Expository
28	Employee Benefits	Value and types of employee benefits: healthcare, retirement, life and disability insurance; retirement contribution plans: 401K and 403B; life insurance and disability insurance; work schedule including: holidays, vacation, and sick leave; full and part time employee benefits; cost of medical insurance	Study: EB Learning Material 2 .PDFs, Access and Participation Rates, Establishments Offering Benefits Graph Essay: Expository
29	Budgeting	Creating a realistic personal budget; gross and net pay; identifying basic living expenses; differentiating between wants and needs, and planning for future expenditures and/or obligations; taxes and paycheck withholdings; savings account	Study: EB Learning Material .PDF, Budget Spreadsheet Web Link to 2006 HHS Poverty Guidelines Essay: Narrative
30	Savings and Compound Interest	Financial benefits of saving a portion of one's income for short and long term goals; choices and consequences; power of compound interest; opportunity costs; future options; interest rates; tips for saving; "Rule of 72"	Study: EB Learning Material 2 .PDFs, Compound Interest Growth, \$1 Deposit Graph Essay: Expository
31	Retirement Information	Relationship between education and income; cost of retirement; retirement and poverty guidelines; Individual Retirement Accounts (IRAs); investing for retirement: stocks, bonds, and annuities; overview of Social Security	Study: EB Learning Material Web Link to Annual Demographic Survey 2005 Essay: Expository
32	Job Satisfaction	Types of jobs that interest the student for a future career; aptitudes; career choices; job experience	Essay: Descriptive .PDF, U.S. Department of Labor Occupational Outlook Handbook



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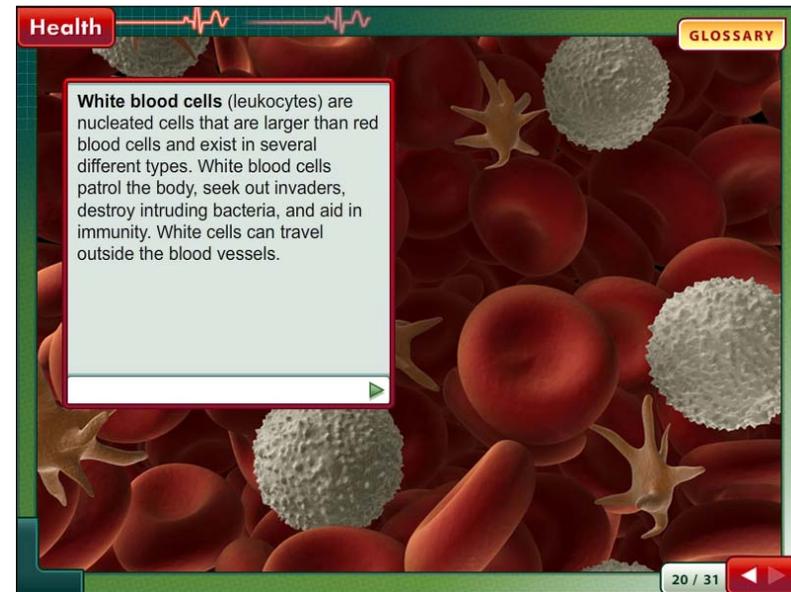
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Health

Grade Levels 9–12

A+LS™ Health introduces students to a variety of topics including:

- major systems of the human body
- the brain and its basic functions
- physical, mental, and social health
- healthy lifestyle choices
- types of illnesses
- genetics and health
- social issues
- personality
- health career options
- nutrition
- exercise
- effects of aging
- adolescent risks
- high blood cholesterol
- Food Guide Pyramid
- eating disorders
- overweight and obesity
- dietary supplements
- drug and alcohol abuse
- tobacco use
- health insurance
- hearing and hearing loss
- sexually transmitted diseases
- personal safety
- teen driving
- sport injuries



*A+*nyWhere Learning System®

Course Description

The *A+LS* Health course is designed to encourage students to take an active role in personal health. Students will learn about a variety of health topics including, health risks, types of illnesses, functions of the major systems of the body, and health career options. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course and adaptive assessments developed for our elective course titles.

Course Features

- Health is presented as a semester-long high school elective course and is composed of 40 lessons that are divided into three categories for learning: lessons, projects, and readings.
- The lessons and readings contain a study guide, a practice and mastery test, and an essay or other constructed response.
- Lessons and readings include a variety of essay types such as descriptive, persuasive, expository, and letter writing. Additional activities include creating a collage, brochure, poster, or chart. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.



The screenshot shows a digital interface for a health lesson. At the top left, there is a red tab labeled "Health" with a heart rate line icon. At the top right, there is a yellow tab labeled "GLOSSARY". The main content area features a photograph of a red apple and a yellow apple with a yellow measuring tape wrapped around them. To the right of the image, the text reads: "Reading Assignment" followed by "Read the following information from the National Heart, Lung, and Blood Institute to learn more about the causes, risks, and treatments of overweight and obesity." Below this text is a red button with white text that says "What Are Overweight and Obesity?". At the bottom right of the interface, there is a small box containing "7 / 8" and navigation arrows.

- Students will be engaged in four health-related projects: researching family health history, researching health topics, analyzing a diet, and exploring health careers. A diverse selection of health reading resources is also provided.
- The course has a certified Lexile® measure of 1070L.
- This course is enriched by Cambridge University Press® (CUP) Learning Objects and *Encyclopædia Britannica® Online School Edition* (EB) workspaces that contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos.



Course Objectives

- The Health course is based on the National Standards for Health Education (developed by the American Cancer Society, and reflected in most course outlines from state departments of education).
- The Health course is designed to introduce students to healthy lifestyle choices that center on the basic concepts of physical health and wellness.
- Lessons inform students about disease prevention and ways to enhance their health through the use of decision-making and communication skills.
- Reading selections are used to expand the student's knowledge of health-related issues. Some topics include drug abuse, cholesterol, eating disorders, health insurance plans, and teen driving.



Third-Party Content in A+LS Lessons

Cambridge Learning Objects are animations and interactive demonstrations that enhance the concepts presented within certain lessons. Founded in 2003, Cambridge-Hitachi is the result of a joint venture between Cambridge University Press (CUP) and Hitachi Software Engineering. Cambridge-Hitachi is committed to innovation in e-learning and applies information and communication technologies as powerful tools to enhance the quality of teaching and learning.

- Each learning object provides animated demonstrations related to lesson content.



The launch icon for CUP objects is located at the top of the A+LS screen on the launch page of the study guide section.

The image shows a screenshot of an interactive learning object. At the top, it says "CAMBRIDGE HITACHI". Below that, a green header bar contains the text "Keeping things the same". A green circular icon with a white padlock is followed by the instruction: "Use your pointer to find out how the different parts of the body keep conditions constant." The main content area features a diagram of a human torso with labels for "lungs", "pancreas", "kidneys", and "skin". A text box on the right side of the diagram states: "The lungs help in several ways. Water and heat are lost through the lungs when we breathe out. We also breathe out waste gases." At the bottom of the interface, there is a small copyright notice: "Science Foundations: Science Whole Class Teaching © Cambridge-Hitachi 2006".

The *Encyclopædia Britannica Online School Edition* (EB) has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support many *A+LS* lessons. Each workspace may contain an article, diagram, study guide, video, or interactive media.

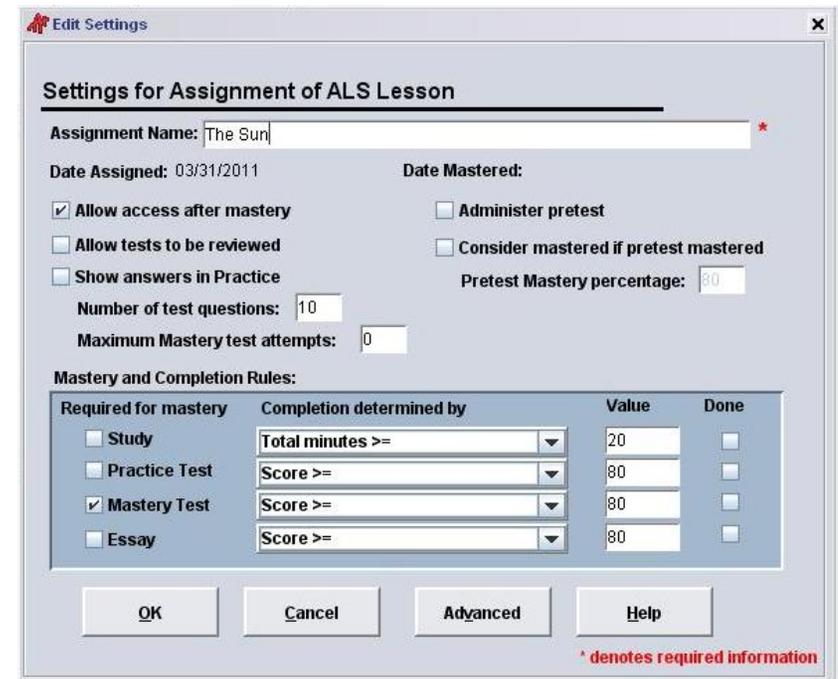


The launch icon for EB objects is located at the top of the *A+LS* screen on the launch page of the study guide section.

The screenshot displays the Encyclopædia Britannica Online School Edition interface. At the top, there is a search bar and navigation links for HOME, DICTIONARY, LEARNING MATERIALS, TEACHER'S RESOURCES, WORKSPACE, GUIDED TOUR, and HELP. The main content area shows the article for "mental disorder" on page 2 of 92. The article title is "mental disorder" and it is categorized under "Types and causes of mental disorders > Classification and epidemiology". The main text discusses psychiatric classification and the measurement of prevalence or frequency of occurrence. On the left side, there is a table of contents for the article, including sections like Introduction, Types and causes of mental disorders, Classification and epidemiology, Theories of causation, Major diagnostic categories, Treatment of mental disorders, Historical overview, Physiological treatments, The psychotherapies, and Additional Reading. On the right side, there is a section for "Expand Your Research" with links to Journals & Magazines, The Web's Best Sites, and Additional Reading. Below this, there is a "Workspace Projects" section with a dropdown menu showing "Project 1" and a button to "Open Workspace".

Practical Tips

The default setting for all lessons is that the mastery test must be completed with a score of 80% or higher. For each lesson, you can add additional requirements, such as the number of minutes the study guide must be read and the scores for practice tests and essay components. To do this, go to the Assignment Management screen, select the assignment you wish to change, choose your class and then the correct assignment list, locate the assignment and select Edit Settings. Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box.



Edit Settings

Settings for Assignment of ALS Lesson

Assignment Name: *

Date Assigned: 03/31/2011 Date Mastered:

Allow access after mastery Administer pretest

Allow tests to be reviewed Consider mastered if pretest mastered

Show answers in Practice Pretest Mastery percentage:

Number of test questions:

Maximum Mastery test attempts:

Mastery and Completion Rules:

Required for mastery	Completion determined by	Value	Done
<input type="checkbox"/> Study	Total minutes >=	<input type="text" value="20"/>	<input type="checkbox"/>
<input type="checkbox"/> Practice Test	Score >=	<input type="text" value="80"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Mastery Test	Score >=	<input type="text" value="80"/>	<input type="checkbox"/>
<input type="checkbox"/> Essay	Score >=	<input type="text" value="80"/>	<input type="checkbox"/>

OK Cancel Advanced Help

* denotes required information

Software Requirements			
Software	Third Party Content	Recommendation	Link for Download
Web Browser	CUP, EB	Microsoft Internet Explorer 7.0 or higher or Safari2.0 or higher	www.microsoft.com/windows/internet-explorer www.apple.com/safari/download
Plug-ins	CUP, EB, .PDFs	Adobe Flash® Player Adobe Shockwave® Player Adobe Reader Java 1.41 or higher	www.adobe.com (under the Download column select Adobe Flash Player) www.adobe.com (under the Download column select Adobe Shockwave Player) www.adobe.com (under the Download column select Adobe Reader) normally installed with your <i>A+LS</i> client
Media Player	EB	Quicktime or Windows Media Player	www.apple.com/quicktime/download www.microsoft.com/windows/windowsmedia/download
<p>For further exploration, resource links to the Internet may be provided in some lessons. An Internet connection is required to utilize the EB components of the <i>A+ PowerPack</i>. New <i>A+LS</i> lessons use the Adobe Flash plug-in extensively. Check to ensure the Flash plug-in is currently installed in the computer's web browser and install it if needed.</p>			

Enabling Active X

Windows Media Player Active X controls need to be enabled in Internet Explorer. These instructions are for Internet Explorer 8, but are similar for IE version 7.

1. From the menu bar, select **Tools**, then **Manage Add-ons**.
2. Click the drop box labeled *Show* and select the first choice, **All add-ons**. Look through the list that appears in the window until you find *Windows Media Player*.
3. When you find *Windows Media Player*, confirm it is set to *Enabled* (if necessary, click the **Enable** button in the lower right corner of the dialog box).
4. Confirm that all entries for *Windows Media Player* are enabled.
5. Click **Close** to save your settings.

Course Name	Number of Lessons	Length of Course in Semesters	Grade Levels	Lexile Measure
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Health	40	1	9-12	1070L
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Lesson Content

LESSONS	PROJECTS	READING SELECTIONS
Introduction to Health Introduction to the Human Body The Musculoskeletal System The Brain and Nervous System Circulation and Respiration Digestion and Excretion Endocrine and Reproduction The Immune System Diseases HIV and AIDS Social Issues Traits Personality and Dreams Mental Disorders	Project 1: Family Health History Project 2: Health-Related Issues Project 3: Nutritional Analysis Project 4: Health Career Outlook	Aging in America Air Quality Alcohol and the Brain Childhood and Adolescence Cholesterol Dietary Supplements Drug Abuse and Addiction Drugs Eating Disorders Food Guide Pyramid Health Insurance Plans Healthy Food Choices Hearing Loss HIV and AIDS Personal Safety Physical Activity Sports Injuries STDs 1 STDs 2 Teen Driving Tobacco

	All Lessons	Media common to all lessons in this subject.	Study: Glossary Essay: 2 .PDFs, Directions & Self-Evaluation Matrix Glossary
Lessons			
1	Introduction to Health	Definition of health; the physical, mental, and social elements of health; health objectives; elements of a healthy lifestyle	Study: EB Learning Material Essay: Descriptive Essay .PDF: Healthy Community Design
2	Introduction to the Human Body	Overview of the major body systems including the skeletal, muscular, digestive, circulatory, respiratory, nervous, reproductive, immune, excretory, endocrine, and integumentary systems	Study: CUP Learning Object EB Learning Material Interactive Graphic (2) Essay: Create a Poster
3	The Musculoskeletal System	Function of the muscular and skeletal systems; identification of bone parts and functions; cartilage; joint types and functions; flexors, extensors; ossification	Study: EB Learning Material Interactive Graphic (3) Animation Essay: Create a Brochure
4	The Brain and Nervous System	The central nervous system: spinal cord, brain, cerebrum, association nerve cells, cerebellum, medulla, brain stem, hypothalamus; peripheral nervous system: sensory nerve cells, motor nerve cells, reflexes	Study: CUP Learning Object EB Learning Material Essay: Create a Poster
5	Circulation and Respiration	The heart; blood flow through the heart; arteries and veins; capillaries; blood pressure; blood composition; blood types; the Rh factor; internal and external respiration	Study: CUP Learning Object EB Learning Material Interactive Graphic (3) Animation Essay: Paragraph
6	Digestion and Excretion	The digestive process; teeth types and functions; enzymes; the stomach; absorption; nutrients; importance of water in digestion and excretion; vitamins; minerals and their importance; kidneys and their functions	Study: CUP Learning Object EB Learning Material Interactive Graphic Essay: Paragraph

7	Endocrine and Reproduction	Endocrine glands and functions; exocrine glands; the female reproductive system; menstruation; the male reproductive system; hormones and functions; fertilization and fetal development; gestation and childbirth	Study: CUP Learning Object EB Learning Material Interactive Graphic Animation (9) Essay: Paragraph
8	The Immune System	The immune system; the body's lines of defense against disease; lymphatic system; vaccines	Study: CUP Learning Object EB Learning Material Animation Essay: Create a Poster
9	Diseases	Communicable and noncommunicable diseases; pathogens; bacteria; antibiotics; acquired immune deficiency syndrome; heredity and diseases	Study: CUP Learning Object EB Learning Material Essay: Paragraph
10	HIV and AIDS	HIV and AIDS; how AIDS is spread; prevention and treatment of AIDS	Study: EB Learning Material Essay: Paragraph
11	Social Issues	Disease; STDs; eating disorders and obesity; abuse and violence; bullying; depression and suicide; distracted driving; drug, alcohol, and tobacco use; overpopulation; pollution	Study: CUP Learning Object EB Learning Material Interactive Body Mass Index Calculator Essay: Create a Brochure
12	Traits	Mendel and the study of inherited traits; x and y chromosomes; dominant and recessive alleles; genotypes; phenotypes; Punnett squares; incomplete dominance	Study: CUP Learning Object EB Learning Material Essay: Create a Collage
13	Personality and Dreams	Development of personality; personality types; Hippocrates: sanguine, melancholic; Carl Jung: extroverts, introverts; personality traits; inkblot tests; nightmares; REM sleep	Study: EB Learning Material Animation Essay: Persuasive Essay
14	Mental Disorders	Anxiety disorders: generalized anxiety disorder, phobias, obsessive-compulsive disorder; Mood disorders: depression, dysthymic disorder, bipolar disorder	Study: EB Learning Material Interactive Graphic Essay: Persuasive Essay
Projects			
15	Family Health History	Research your family health history.	Essay: EB Learning Material
16	Health-Related Issues	Research a health-related issue, disease, or illness.	Essay: EB Learning Material

17	Nutritional Analysis	Analyze your diet using an interactive menu planner.	Essay: EB Learning Material
18	Health Career Outlook	Explore various health careers.	Essay: EB Learning Material
<i>Reading Selections</i>			
19	Aging in America	Population characteristics of those aged 65 and over; racial and ethnic composition of those aged 65 and over; educational level and marital status of those aged 65 and over; health status of those aged 65 and over	Study: EB Learning Material .PDFs (2): Older Americans 2010 Key Indicators of Well-Being: Population, Older Americans 2010 Key Indicators of Well-Being: Health Status Essay: Persuasive Essay
20	Air Quality	The elements of the air quality index (AQI); ozone; health risks; particle pollution; carbon monoxide; sulfur dioxide	Study: EB Learning Material .PDF: A Guide to Air Quality and Your Health Essay: Paragraph .PDF: Annual Estimates of the U.S. Population
21	Alcohol and the Brain	Alcohol's damaging effects on the brain; liver disease; alcoholism; alcoholics anonymous; treatment of alcoholism	Study: EB Learning Material .PDFs (2): Alcohol's Damaging Effects on the Brain, Alcoholism: Getting the Facts Essay: Create a Poster .PDF: Understanding Alcohol's Impact on Your Health

22	Childhood and Adolescence	Developmental stages of children from 0 to 8 years of age; the emotional, physical, and mental elements of adolescence; risk factors facing adolescents	Study: EB Learning Material .PDFs (2): Helping Your Child Through Early Adolescence, Child Development – Developmental Milestones Essay: Descriptive Essay
23	Cholesterol	Facts about high blood cholesterol; saturated fats and cholesterol; sources of cholesterol; healthy foods; food label facts; cholesterol and heart disease; treatment of high cholesterol; lowering cholesterol through lifestyle changes	Study: EB Learning Material .PDFs (2): TLC Diet Daily Food Guide Food Groups, Be Heart Smart! Essay: Create a Brochure
24	Dietary Supplements	Definition of dietary supplement; role of the U.S. Food and Drug Administration in regulating dietary supplements; legal responsibility of the manufacturers of dietary supplements; health benefits of various vitamin and mineral supplements	Study: EB Learning Material .PDFs (2): Overview of Dietary Supplements, Vitamin and Mineral Facts Essay: Persuasive Essay
25	Drug Abuse and Addiction	One of America's most challenging public health problems; alcohol as a drug; cost of drug abuse; social problems and drug abuse; addiction as a chronic disease; treatment of drug abuse	Study: EB Learning Material .PDFs (3): High School and Youth Trends; Drugs, Brains, and Behavior – The Science of Addiction ; Rethinking Drinking – Alcohol and Your Health Essay: Create a Collage

26	Drugs	The dangers of marijuana and ecstasy; prescription and over-the-counter drug abuse	<p>Study: EB Learning Material .PDFS (3): Marijuana: Facts for Teens, Facts on Prescription and Over-the-counter Drugs, MDMA (Ecstasy)</p> <p>Essay: Expository Essay</p>
27	Eating Disorders	Anorexia nervosa; bulimia nervosa; binge-eating disorder; treatment strategies	<p>Study: EB Learning Material .PDF: Eating Disorders</p> <p>Essay: Paragraph</p>
28	My Plate and Food Labels	Using MyPlate to maintain a balanced diet; nutritional value of grains, vegetables, fruits, milk, and meat; elements of a food label; how the food label identifies saturated fat, cholesterol, dietary fiber, and other nutrients	<p>Study: EB Learning Material .PDFs (2): The Food Guide Pyramid, How to Understand and Use the Nutrition Facts Label</p> <p>Essay: Paragraph</p>
29	Health Insurance Plans	Health insurance plans; health insurance terms: Medicare, Medicaid, disability, hospital indemnity, and long-term care; health maintenance organizations (HMOs) and Preferred Provider Organizations (PPOs); how to choose a health plan	<p>Study: EB Learning Material .PDF: Questions and Answers About Health Insurance</p> <p>Essay: Persuasive Essay</p>

30	Healthy Food Choices	Relationship between nutrition and health; dietary recommendations for good health; how diet can promote health and reduce the risk of death, disability, or chronic diseases	<p>Study: EB Learning Material .PDFs (3): New Dietary Guidelines Will Help Americans Make Better Food Choices, Live Healthier Lives;</p> <p>Dietary Guidelines for Americans, 2005; Nutrition and the Health of Young People</p> <p>Essay: Persuasive Essay</p>
31	Hearing Loss	Noise-induced hearing loss; how we hear; causes of noise-induced hearing loss; causes and treatment of tinnitus; hearing loss on the job	<p>Study: EB Learning Material .PDFs (2): Noise-Induced Hearing Loss, Tinnitus</p> <p>Essay: Create a Brochure</p>
32	HIV and AIDS	The relationship between HIV and AIDS; cause of AIDS; how HIV is passed from one person to another; the link between sexually transmitted diseases and HIV infection; HIV statistics	<p>Study: EB Learning Material .PDFs (2): Basic Information about HIV and AIDS, HIV in the United States: An Overview</p> <p>Essay: Persuasive Essay</p>
33	Overweight and Obesity	Definition of overweight and obesity; risk factors for being overweight or obese; prevention and treatment of overweight and obesity; health goals for weight loss	<p>Study: .PDF: What are Overweight and Obesity?</p> <p>Essay: Persuasive Essay</p>

34	Personal Safety	The role of the Federal Emergency Management Agency (FEMA) after a national disaster; steps for staying safe during thunderstorms, hurricanes, earthquakes, and fires; common misconceptions about personal safety during natural disasters	<p>Study: EB Learning Material .PDFs (5): Fact Sheet: Thunderstorms, Fact Sheet: Hurricanes, Fact Sheet: Tornadoes, Fact Sheet: Earthquakes, Fire Deaths and Injuries: Prevention Tips</p> <p>Essay: Persuasive Essay</p>
35	Physical Activity	Physical activity; making physical activity part of your life; overcoming barriers to physical activity; preventing chronic diseases; obesity and chronic diseases	<p>Study: EB Learning Material .PDFs (4): Be Active Your Way, Physical Activity and Health, Target Heart Rate and Estimated Maximum Heart Rate, Physical Activity for a Healthy Weight</p> <p>Essay: Create a Chart</p>
36	Sports Injuries	Common types of sports injuries: sprains and strains, knee injuries, compartment syndrome, Achilles tendon injuries, ankle injuries, fractures, dislocations; the body's healing process; treatment of sports injuries	<p>Study: EB Learning Material .PDFs (2): Handout on Health: Sports Injuries, What Are Sports Injuries?</p> <p>Essay: Create a Collage</p>
37	STDs 1	Sexually transmitted diseases; causes and treatment of bacterial vaginosis, chlamydia, genital herpes, and gonorrhea	<p>Study: EB Learning Material .PDFs (4): Bacterial Vaginosis, Chlamydia, Genital Herpes, Gonorrhea</p> <p>Essay: Write a Letter</p>

38	STDs 2	Sexually transmitted diseases; causes and treatment of human papillomavirus (HPV), pelvic inflammatory disease (PID), syphilis, and trichomoniasis	<p>Study: EB Learning Material .PDFs (4): Genital HPV, Pelvic Inflammatory Disease, Syphilis, Trichomoniasis</p> <p>Essay: Create a Brochure PDFs (8): Bacterial Vaginosis, Chlamydia, Genital Herpes, Gonorrhea, Genital HPV, Pelvic Inflammatory Disease, Syphilis, Trichomoniasis</p>
39	Teen Driving	Risk factors for teen drivers; impaired driving; dangers of distracted driving; graduated driver licensing (GDL)	<p>Study: EB Learning Material .PDFs (3): Teen Drivers: Fact Sheet, Impaired Driving, Distracted Driving</p> <p>Essay: Expository Essay</p>
40	Tobacco	The health hazards of cigarettes and other nicotine products; research and treatment of nicotine addiction	<p>Study: EB Learning Material .PDFs (2): Tobacco Addiction, How Tobacco Smoke Causes Disease</p> <p>Essay: Persuasive Essay</p>

Humanities I and II Grade Levels 9 – 12

A+LS Humanities I and II introduces students to a variety of topics including:

Humanities I

- music and types of musical instruments
- dance
- theater
- opera
- motion pictures
- television
- prehistory to the Modern Period
- jazz and blues music
- the development of the motion picture and recording industry

Humanities II

- philosophy
- ethics
- language
- literature from various cultures
- religions around the world
- social movements and institutions

HUMANITIES I INTRODUCTION TO THE HUMANITIES

Learning Objectives

After reading this lesson, you should be able to perform these tasks:

- Define the humanities.
- Summarize the historical development of the humanities.
- Compare and contrast the visual and performing arts.
- Discuss the relationship of the humanities to the study of the social sciences and natural sciences.
- Identify the elements of a culture.



Course Description

The *A+LS*[™] Humanities I lessons focus on the performing arts of music, dance, theater, opera, motion pictures, and television. Humanities, along with the social sciences and natural sciences, represent the knowledge that humans have created throughout history. Focusing on the philosophical, spiritual, and artistic aspects of life, Humanities explore the artistic and cultural accomplishments of individuals in the following academic areas: literature, religion, painting, sculpture, architecture, photography, art history, music, theater, film, dance, cultural studies of civilizations, philosophy, languages, ethics, and the Classics of Ancient Greece and Ancient Rome. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course and adaptive assessments developed for our elective course titles.

Course Features

- Humanities I is presented as a semester-long high school elective course.
- Most of the thirty-one lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- Original sound recordings of musical styles are provided to enhance the student's learning experience.
- This title is certified by MetaMetrics[®] with a Lexile[®] score.

HUMANITIES I MODERN MUSIC PERIOD

Learning Objectives

After reading this lesson, you should be able to perform these tasks:

- Summarize the classical music styles of the Modern period.
- Discuss the various styles of popular music including jazz, ragtime, blues, country, rhythm and blues, Latin, rock, hip-hop and rap, and folk music.
- Identify the characteristics and works of some of the leading composers of the Modern period.
- Describe the similarities and differences of art, literature, and music of the Modern period.



- A+® VIP™ Bundle customers receive access to Encyclopædia Britannica Online School Edition® (EB) workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.



Course Objectives

- The content in this course is based on standards developed by the Consortium of National Arts Education Associations. The full set of arts standards can be found at the following website: artsedge.kennedy-center.org/teach/standards.cfm.
- Humanities I examines the artistic and cultural accomplishments of a people through a variety of academic subjects.
- Lessons are designed to provide the student with a foundation of basic information in the following areas of performing arts: music, dance, theater, opera, motion pictures, and television.

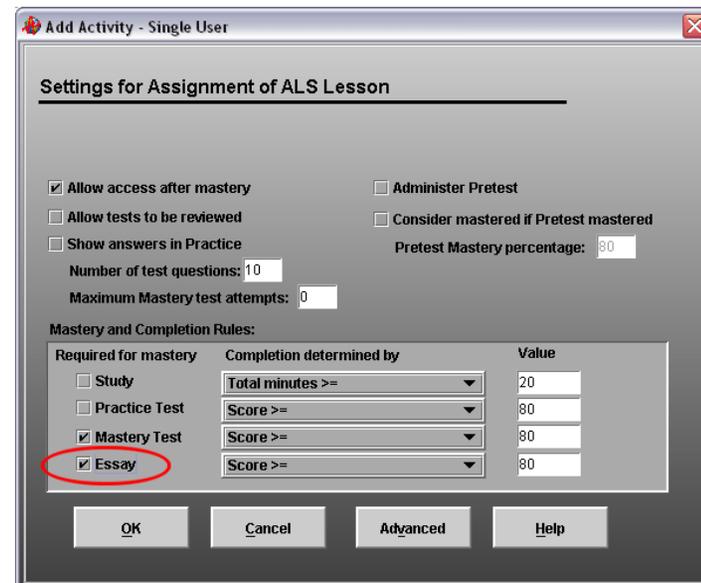
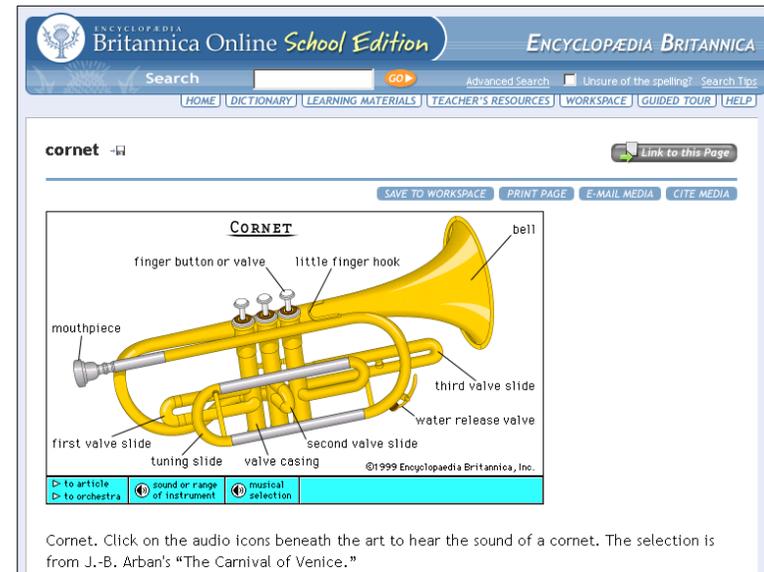


Practical Tips

- The Humanities I course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat® Reader® available on their workstations.
Available at: www.adobe.com, select the **Get Adobe Reader** button.
- Due to the interactive nature of the A+ VIP Bundle, there are a few specific software requirements:
 - EB requires a web browser, the following are recommended:
 - Microsoft Internet Explorer® versions 6.0 or higher
 - Safari® versions 2.0 or higherNote: EB requires cookies enabled.

- EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
- EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download

- Links to the Internet are provided as resources for further exploration. Also, numerous links to the Internet are provided in the A+ VIP Bundle. An Internet connection is not required for completion of this course, but it is required to utilize the EB components of the A+ VIP Bundle.
- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.



Lesson Content

The Humanities course provides an introductory lesson and four diverse genres: Music, Performing Arts, Culture, and Performing Arts Careers.

Music

The lessons on music history provide a detailed discussion of the work of composers, the origin of music styles, and the development of musical instruments and musical ensembles. These lessons can be used as part of a music appreciation course.

Overview of Music
Music Genre 1
Music Genre 2
Brass Wind Instruments
Woodwind Instruments
String Instruments
Keyboard Instruments and Electrophones
Percussion Instruments

Human Voice
Music Ensembles
Prehistoric and Ancient Period Music
Music of the Middle Ages
Renaissance Music
Baroque Music
Classical Music Period
Modern Music Period

Performing Arts

These lessons describe the performing arts in the categories of theater, dance, motion pictures, and television.

Overview of the Theatre
Theater Production
Opera
Overview of Dance
Ballet
Motion Pictures
Television

Culture

American culture is explored in the areas of jazz and blues music and the development of the motion picture and recording industry primarily from the U.S. National Park Service.

Jazz Music 1
Jazz Music 2
Blues Music 1
Blues Music 2
An American Icon

Resources include original sound recordings from a variety of musical styles. For example, there are original recordings from both the Delta and Memphis schools of the blues. In addition, there are examples of early motion pictures created through the genius of Thomas Alva Edison.

Performing Arts Careers

The final lesson provides detailed information for a variety of careers in the performing arts.

Performing Arts Careers

A+ VIP Bundle

The A+ VIP Bundle includes the Encyclopædia Britannica Online School Edition, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the humanities courses.

- Humanities I contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.

Lesson Title		Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
1	Introduction to the Humanities	Historical development of the humanities; relationship of humanities to the social and natural sciences; humanities: literature, and religion; art: paintings and sculpture, architecture, art history, music, theatre, film, dance, cultural studies of civilizations, philosophy, languages, ethics, and the classics of Ancient Greece and Ancient Rome; definition of culture; material culture; nonmaterial culture; visual arts; performing arts	Study: EB Learning Material Essay: Persuasive
2	Overview of Music	Definition of music; purpose of music; music genre; music theory; pitch; tone; rhythm; melody; harmony; form; music composition; music notation; musical instruments; music ensembles	Study: EB Learning Material Essay: Expository
3	Music Genre 1	Classical music; music types: instrumental, solo, chamber, and orchestra; vocal music: choral, opera, and oratorios; classical music sectional forms: simple, sonata, variation, fugue, and free form	Study: EB Learning Material Essay: Descriptive
4	Music Genre 2	Popular music: folk music, jazz, ragtime, and blues; country: traditional country, swing, cowboy, bluegrass, Cajun, honky tonk, rockabilly, and Nashville Sound; rhythm and blues; rock; soul; Latino; rap; hip-hop; show tunes and the big band sound	Study: EB Learning Material Essay: Letter to the Editor
5	Brass Wind Instruments	Idiophones, membranophones, chordophones, electrophones, and aerophones; brass wind Instruments: baritone horn, bugle, cornet, euphonium, flugelhorn, French horn, helicon, sousaphone, trombone, trumpet, and tuba	Study: EB Learning Material Essay: Persuasive Essay
6	Woodwind Instruments	Aerophones; reed wind Instruments: accordion, bassoon, clarinet, concertina, English horn, flute, harmonica, harmonium, oboe, ocarina, organ, piccolo, recorder, and saxophone	Study: EB Learning Material Essay: Compare and Contrast
7	String Instruments	Chordophones; bowed, plucked, and struck instruments; string instruments: banjo, bass, cello, clavichord, dulcimer, guitar, harp, harpsichord, lute, lyre, mandolin, piano, ukulele, viola, violin, and zither	Study: EB Learning Material Essay: Compare and Contrast
8	Keyboard Instruments and Electrophones	Electrophones; difference between electronic music and music played on electric instruments; amplifier; Music Instrument Digital Interface (MIDI); synthesizer; keyboard instruments: accordion, carillon, celesta, clavichord, concertina, harmonium, harpsichord, keyboard, melodeon accordion, organ, and piano	Study: EB Learning Material Essay: Compare and Contrast

Lesson Title		Lesson Content	Essays & Media
9	Percussion Instruments	Idiophone and membranophone percussion instruments: bass drum, carillon, castanets, celesta, clavichord, chimes, claves, cowbell, cymbals, dulcimer, glockenspiel, gong, kettle drums, maraca, marimba, orchestra bells, piano, rattle, snare drum, steel drum, tambourine, timpani, triangle, vibraphone, and xylophone	Study: EB Learning Material Essay: Persuasive
10	Human Voice	Human voice as a musical instrument; vocal music: choral music, operas, and oratorios; how sound is created: vocal chords; female voice ranges: soprano, mezzo-soprano, and contralto; male voice ranges: tenor, baritone, and bass	Study: EB Learning Material Essay: Persuasive
11	Music Ensembles	String and wind ensembles; bands: brass band, military band, drum and bugle corps, concert band, jazz band, country and western band, and rock band; voice ensembles: duet, trio, quartet, and choir; orchestra: string orchestra, chamber orchestra, and symphonic orchestra; orchestra structure: string section, woodwind section, brass section, and percussion section	Study: EB Learning Material Essay: Compare and Contrast
12	Prehistoric and Ancient Period Music	Development of the music of prehistoric people; percussion instruments; music in the civilizations of the Mesopotamians, Egyptians, and Hebrews; the Bible as a source of music; music of the Greek and Roman civilizations; ethos; Greek musical instruments: kithara and aulos	Study: EB Learning Material Essay: Expository
13	Music of the Middle Ages	Musical eras of the Middle Ages; secular and religious music; the Catholic Church and the development of music during the Middle Age: Gregorian Chant, Mass, music notation, Ars Antiqua, Ars Nova; different styles of medieval music including: monophony and polyphony; musical instruments: lyre, drums, organs, lute, flutes and recorders	Study: EB Learning Material Essay: Persuasive
14	Renaissance Music	Renaissance; religious, secular, vocal, and instrumental music; Protestant Reformation and the Counter Reformation; development of Renaissance music; painting, sculpture, and architecture; polyphonic music; plainchant notation; invention of the printing press and the spread of music; Franco-Flemish school of music; Catholic Mass; vocal music: madrigal, chanson, and lied; musical instruments: harpsichord and clavichord	Study: EB Learning Material Essay: Persuasive
15	Baroque Music	Baroque period; the purpose of the art and music of the Baroque period; how the Protestant churches and Catholic Church influenced Baroque music; solo, chamber, and orchestral music; sectional forms: counterpoint, canon, suite, monody, cantata, chorale, opera, oratorio, and anthem; composers: Johann Sebastian Bach, George Frideric Handel, Antonio Vivaldi, Claudio Monteverdi, and Henry Purcell	Study: EB Learning Material Essay: Descriptive

Lesson Title		Lesson Content	Essays & Media
16	Classical Music Period	Classical period; homophonic music; the differences between classical periods of literature and music; transition from the Baroque period to the pre-Classical period (Rococo period) to the Classical period; chamber music; sonata; orchestral music; opera; composers: Johann Sebastian Bach, George Friderick Handel, John Gay, Jean-Phillippe Rameau, Louis Daquin, Christoph Willibald Gluck, Antonio Salieri, Carl Philip Emanuel Bach, Muzio Clementi, Joseph Haydn, Wolfgang Amadeus Mozart, and Ludwig van Beethoven	Study: EB Learning Material Essay: Compare and Contrast
17	Romantic Music Period	Romantic music styles; orchestral music; symphonic poem; emergence of the piano; operas: Italian, French, and German styles; similarities among the romantic periods of art, literature, and music; how nationalism and world events related to music of the late 1800s; composers: Ludwig van Beethoven, Franz Schubert, Hector Berlioz, Robert Schumann, Felix Mendelssohn, Frederic Chopin, Johann Strauss Jr., Johannes Brahms, Franz Liszt, Peter Tchaikovsky, Giuseppe Verdi, Richard Wagner, Clara Schumann, Richard Strauss, Giacomo Puccini, and Gioacchino Antonio Rossini	Study: EB Learning Material Essay: Persuasive
18	Modern Music Period	Modern period; art, literature, and music of the Modern period; classical music styles: Impressionism, Romantic, Neoclassicism, atonal music, experimental music, and electronic music; popular music including: jazz, ragtime, blues, country, rhythm and blues, Latin, rock, hip-hop and rap, and folk music; composers: Claude Debussy, Bela Bartok, Aaron Copland, Igor Stravinsky, Paul Hindemith, Arnold Schoenberg, John Cage, Karl Stockhausen, Duke Ellington, George Gershwin, Oscar Hammerstein II, and Richard Rodgers	Study: EB Learning Material Essay: Persuasive
<i>Performing Arts - Theater</i>			
19	Overview of the Theatre	Definition of the theater; history of the theater; ancient Greece: tragedies, dithyrambs, and genre; Roman theater; playwright; medieval theater; Renaissance theater; 16th century, 17th century, Restoration, 18th century, 19th century; melodrama; copyright; 20th century; Realism movement; theater architecture; theater terms	Study: EB Learning Material Web Link to Federal Theatre Project Essay: Descriptive
20	Theater Production	Theater, William Shakespeare, story, script, playwright, director, casting, auditions, actor, thespian, blocking, stage fights, characterization, set, lighting, sound and costume design, stage manager	Study: EB Learning Material Essay: Descriptive
21	Opera	Opera terms; female voice ranges: soprano, mezzo-soprano, and contralto; male voice ranges: tenor, baritone, and bass; music theater, history of opera, 17 th century, 18 th century, 19 th century, 20 th century, rock opera, the orchestra, onomatopoeia	Study: EB Learning Material Essay: Letter to the Editor

Lesson Title		Lesson Content	Essays & Media
<i>Performing Arts - Dance</i>			
22	Overview of Dance	Mystery of dance; the unspoken language; divisions of dance: aerobic, isometric, functional, and theatrical; history of dance: Egypt, Greece, and Middle Ages; dancing mania; Renaissance, 17 th and 18 th centuries; 19 th century; polka; tap-dancing; Irish jig; clog; square dance; Irish step dancing; modern dance; swing dance; ballroom dancing; urban dancing	Study: EB Learning Material Essay: Descriptive
23	Ballet	Ballet; history of ballet; 15th century; 16th century; 17th century; 18th century; 19th century; contemporary ballet; training; body form; ballet terms; costumes; ballet shoes; preserving the ballet; international ballet	Study: EB Learning Material Essay: Expository
<i>Performing Arts – Motion Pictures</i>			
24	Motion Pictures	Motion picture technology; terms; screenplays; screenwriter; property; history of motion pictures; stereoscope; moving pictures; Thomas Edison; kinetoscope; 20 th century; nickelodeons; Hollywood; <i>The Birth of a Nation</i> ; D.W. Griffith; sound in motion pictures; talkies; color film; Post-depression era; World War II and propaganda; 1950s; 1960s; 1970s; 1980s to the present	Study: EB Learning Material Essay: Expository
<i>Performing Arts – Television</i>			
25	Television	Television as a performing art; mass communication; technical elements; history of television; television technology; television in the 1950s, 1960s, 1970s, 1980s, and 1990s to the present; television and culture; digital television	Study: EB Learning Material Essay: Persuasive
<i>American Culture</i>			
26	Jazz Music 1	History of Jazz; founding of New Orleans and the Louisiana Purchase; early ethnic and cultural groups in New Orleans; European immigrants; early leaders of jazz in New Orleans; early development of jazz – 1890 to 1917; maturation of jazz – 1917 to the early 1930s	Study: EB Learning Material .PDF, Jazz History Essay: Letter to the Editor
27	Jazz Music 2	Jazz music in New Orleans at the beginning of the 20 th century; development of jazz in the 20 th century; Jazz Age, leaders of the development of jazz in New Orleans in the late 1800s and early 1900s; how jazz spread from New Orleans to other U.S. cities; jazz in Chicago	Study: EB Learning Material .PDF, Jazz Origins in New Orleans Essay: Expository Web Link to Jazz History

Lesson Title		Lesson Content	Essays & Media
28	Blues Music 1	Delta school of blues; leading musicians of the Delta school of blues music	Study: EB Learning Material Essay: Compare and Contrast Web link to Robert Johnson, Tommy Johnson, Muddy Waters, John Lee Hooker, Bukka White, Son House, Joe Willie Wilkins, Mississippi John Hurt, Sonny Boy Williamson, Elmore James, Robert Nighthawk, Howlin' Wolf, Skip James, Charley Patton, People Along the Trail of the Hellhound
29	Blues Music 2	Memphis school of blues; leading musicians of the Memphis school of blues music	Study: EB Learning Material Essay: Compare and Contrast Web link to Cannon's Jug Stompers, Sleepy John Estes, W.C. Handy, Bessie Smith, Frank Stokes, B.B. King, Jim Jackson, Memphis Minnie, Memphis Jug Band, Furry Lewis, Robert T. Wilkins, Leadbelly
30	An American Icon	Thomas Alva Edison: the biography and accomplishments of the man who impacted the performing arts through the invention of the phonograph and motion pictures; examples of sound recordings of various styles of music; early motion pictures	Study: EB Learning Material Web Links to Edisionia & Edisionia Sounds Essay: Persuasive

Lesson Title		Lesson Content	Essays & Media
<i>Performing – Arts Careers</i>			
31	Performing Arts Careers	Performing arts careers in the following categories: Dancers and Choreographers; Actors, Producers, and Directors; Musicians, Singers, and Related Workers; Television, Video, and Motion Picture Camera Operators and Editors; Broadcast and Sound Engineering Technicians and Radio Operators as published by the U.S. Department of Labor	<p>Study: EB Learning Material Web Links to Dancers and Choreographers; Actors, Producers, and Directors; Musicians, Singers, and Related Workers; Television, Video, and Motion Picture Camera Operators; Broadcast and Sound Engineers and Radio Operators</p> <p>Essay: Compare and Contrast</p>

Course Description

The *A+LS*[™] Humanities II course explores the influential subject areas of language, philosophy, ethics, literature, and religion. Humanities, along with the social sciences and natural sciences, represent the knowledge that humans have created throughout history. Focusing on the philosophical, spiritual, and artistic aspects of life, Humanities explore the artistic and cultural accomplishments of individuals in the following academic areas: literature, religion, painting, sculpture, architecture, photography, art history, music, theater, film, dance, cultural studies of civilizations, philosophy, languages, ethics, and the Classics of Ancient Greece and Ancient Rome. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course and adaptive assessments developed for our elective course titles.

Course Features

- Humanities II is presented as a semester-long high school elective course.
- Most of the thirty lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- This title is certified by MetaMetrics[®] with a Lexile[®] score.

HUMANITIES II BRANCHES OF PHILOSOPHY I

Learning Objectives

After reading this lesson, you should be able to perform these tasks:

- Identify the five branches of philosophy including aesthetics, epistemology, ethics, logic, and metaphysics.
- Summarize the historical origin of philosophy.
- Describe the theories of metaphysics including materialism, idealism, mechanism, and teleology.
- Explain the theories of epistemology including correspondence, pragmatism, coherence, and skepticism.



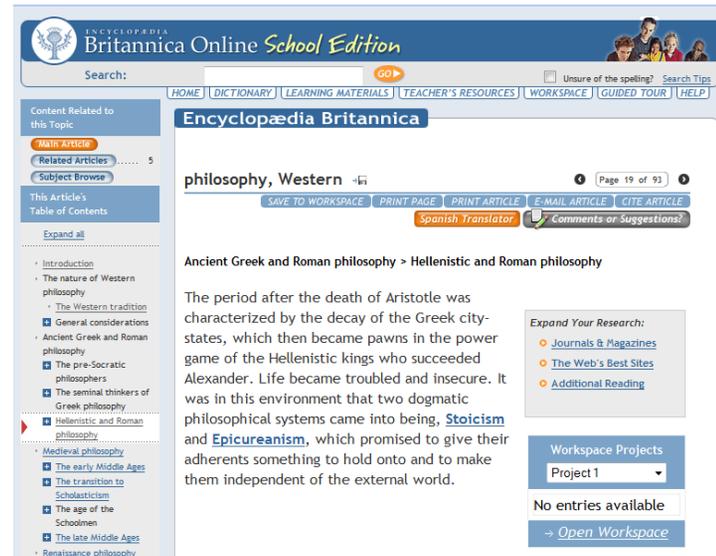
- A+[®] VIP Bundle customers receive access to Encyclopædia Britannica Online School Edition[®] (EB) workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.

Course Objectives

- The content in this course is based on standards developed by the Consortium of National Arts Education Associations. The full set of arts standards can be found at the following website: artsedge.kennedy-center.org/teach/standards.cfm
- Humanities II provides a comprehensive overview of the development of Western civilization in the areas of religion, philosophy, and literature.
- Lessons are designed to give the students a myriad of perspectives in regard to the study of world cultures both past and present.

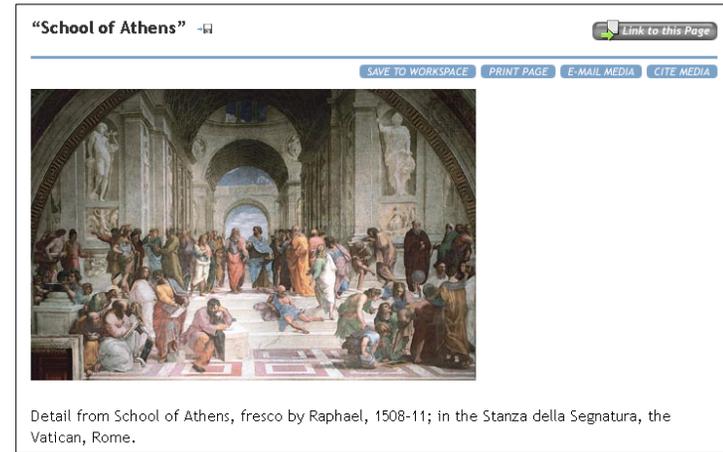
Practical Tips

- The Humanities II course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations.
Available at: www.adobe.com, select the **Get Adobe Reader** button.
- Due to the interactive nature of the A+ VIP Bundle, there are a few specific software requirements:



The screenshot shows the Encyclopædia Britannica Online School Edition interface. The main article is titled "philosophy, Western" and is on page 19 of 93. The article text discusses the period after the death of Aristotle, characterized by the decay of Greek city-states and the rise of Hellenistic kings. It mentions that life became troubled and insecure, and that two dogmatic philosophical systems, Stoicism and Epicureanism, emerged. The interface includes a search bar, navigation links (HOME, DICTIONARY, LEARNING MATERIALS, TEACHER'S RESOURCES, WORKSPACE, GUIDED TOUR, HELP), and a sidebar with a table of contents for the article. The sidebar lists various topics related to philosophy, including Introduction, The nature of Western philosophy, The Western tradition, General considerations, Ancient Greek and Roman philosophy, The pre-Socratic philosophers, The seminal thinkers of Greek philosophy, Hellenistic and Roman philosophy, Medieval philosophy, The early Middle Ages, The transition to Scholasticism, The age of the Schoolmen, The late Middle Ages, and Renaissance philosophy.

- EB requires a web browser, the following are recommended:
 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higher
 Note: EB requires cookies enabled.
- EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
- EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download



- Links to the Internet are provided as resources for further exploration. Also, numerous links to the Internet are provided in the A+ VIP Bundle. An Internet connection is not required for completion of this course, but it is required to utilize the EB components of the A+ VIP Bundle.
- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.

Add Activity - Single User

Settings for Assignment of ALS Lesson

Allow access after mastery Administer Pretest
 Allow tests to be reviewed Consider mastered if Pretest mastered
 Show answers in Practice Pretest Mastery percentage: 80

Number of test questions: 10
 Maximum Mastery test attempts: 0

Mastery and Completion Rules:

Required for mastery	Completion determined by	Value
<input type="checkbox"/> Study	Total minutes >=	20
<input type="checkbox"/> Practice Test	Score >=	80
<input checked="" type="checkbox"/> Mastery Test	Score >=	80
<input checked="" type="checkbox"/> Essay	Score >=	80

Lesson Content

There are four distinct categories of lessons in this course including the humanities, history of philosophy, world literature, and world religions.

Humanities

The overview lesson compares and contrasts the content of the humanities and the natural and social sciences. The language lesson summarizes the elements of languages and linguistics and discusses the major language families of the world.

Overview of Humanities
Languages

History of Philosophy

The history of philosophy from the ancient world to the present and the five branches of philosophy including aesthetics, epistemology, ethics, logic, and metaphysics are discussed in these lessons.

Branches of Philosophy 1
Branches of Philosophy 2
Ancient Period
Medieval Period
Renaissance

The Enlightenment
Seventeenth and Eighteenth Century Philosophy
Social Movements and Institutions
Nineteenth Century Philosophy
Twentieth Century Philosophy

History of World Literature

Literature is a reflection of the religious and philosophical beliefs of historical and modern civilizations. These lessons present an overview of the literature and languages of various countries that contributed to the development of Western civilization.

Ancient Greek Literature
Ancient Latin Literature
British Literature
French Literature
German Literature

Italian Literature
Nordic Literature
Spanish Literature
Russian Literature

History of World Religions

These lessons examine the history, beliefs, ceremonies, and organization of the major religions in the world.

Overview of Religion
Hinduism
Buddhism
Taoism
Confucianism

Islam
Shinto
Judaism
Christianity (Catholicism and Protestantism)

A+ VIP Bundle

The A+ VIP Bundle includes the Encyclopædia Britannica Online School Edition, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the humanities courses.

- Humanities II contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.

Lesson Title		Lesson Content	Essays & Media
All Lessons		Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
Humanities			
1	Overview of Humanities	Historical development of the humanities; relationship of humanities to the social and natural sciences; humanities: literature, and religion; art: paintings and sculpture, architecture, art history, music, theater, film, dance, cultural studies of civilizations, philosophy, languages, ethics, and the classics of Ancient Greece and Ancient Rome; definition of culture; material culture; nonmaterial culture; visual arts; performing arts	Study: EB Learning Material Essay: Descriptive
2	Languages	Organization of language; linguistics; language families: Indo-European, Sino-Tibetan, Uralic and Altaic, Dravidian, Afro-Asian, Japanese and Korean, African Language, Malayo-Polynesian, and Mon-Khmer; characteristics of a language: sound-patterns, words, and grammatical structure; philosophical analysis; branches of the Indo-European languages: Albanian, Armenian, Baltic, Slavic, Celtic, Germanic, Greek, Indo-Aryan, Iranian, and Romance; linguistic terms: dialect, ethnolinguistics, etymology, inflection, linguistic typology, philology, pragmatics, semantics, sociolinguistics, and synchronic linguistics	Study: EB Learning Material Essay: Narrative
History of Philosophy			
3	Branches of Philosophy 1	Five branches of philosophy including: aesthetics, epistemology, ethics, logic, and metaphysics; historical origin of philosophy; theories of metaphysics: materialism, idealism, mechanism, and teleology; theories of epistemology: correspondence, pragmatic, coherence theories, and skepticism	Study: EB Learning Material Essay: Compare and Contrast
4	Branches of Philosophy 2	Ethics, aesthetics, and logic; elements of logic: inductive and deductive reasoning, arguments, inferences, conclusions, and fallacies; theories of aesthetics: Imitationalism, Formalism, and Emotionalism; elements of ethics; norms of society: folkways, mores, and laws; relativism, objectivism, and subjectivism	Study: EB Learning Material Essay: Compare and Contrast
5	Ancient Period	History of Western philosophy; pre-Socratic philosophers: Thales, Anaximander, Pythagoras, Anaximenes, Leucippus, and Democritus; Sophists, Epicureans, Stoics, Cynics, Hedonists, Utilitarians, and Neoplatonists; philosophies of Socrates, Plato, and Aristotle; Hellenistic Age; Greco Roman Age; philosophies and philosophers of the Roman Empire; materialism and idealism; time periods of Western philosophy: ancient, medieval, and modern	Study: EB Learning Material Essay: Compare and Contrast

Lesson Title		Lesson Content	Essays & Media
6	Medieval Period	Philosophy of the ancient period and the early medieval period; philosophy of the Neoplatonists and Saint Augustine; scholasticism; theology of the medieval period; influence of Aristotle on medieval philosophy; Saint Anselm, Peter Abelard, Robert Grosseteste, Saint Albertus Magnus, Roger Bacon, Saint Bonaventure, Saint Thomas Aquinas, and John Duns Scotus	Study: EB Learning Material Essay: Persuasive
7	Renaissance	Transition between the medieval and modern periods of Western philosophy; Scholasticism and Humanism; influence of Humanism on the philosophies of the Renaissance; significance of the Renaissance; Petrarch, Desiderius Erasmus, Saint Thomas More, Francois Rabelais, Niccolo Machiavelli, and Francisco Suarez	Study: EB Learning Material Essay: Compare and Contrast
8	The Enlightenment	The Enlightenment and the scientific revolution; Age of Reason; Johannes Kepler, Carolus Linnaeus, Galileo Galilei, Sir Isaac Newton, Roger Bacon, Sir Francis Bacon, Denis Diderot, and George Berkeley; epistemology, empiricism, logic, idealism, skepticism, deism, and rationalism; rationalist philosophers: Rene Descartes, Gottfried Leibniz, and Baruch Spinoza	Study: EB Learning Material Essay: Persuasive
9	Seventeenth and Eighteenth Century Philosophy	Origin of natural law; political and social philosophies of the Enlightenment; philosophers: Marquis de Condorcet, Denis Diderot, Jean-Jacques Rousseau, Montesquieu, and Voltaire; empiricists: John Locke, George Berkeley, and David Hume; forms of government: monarchy, despotism, aristocracy, and democracy; separation of powers; anarchy; sovereignty; Thomas Hobbes; Edmund Burke	Study: EB Learning Material Essay: Persuasive
10	Social Movements and Institutions	Political, economic, and social changes that occurred in Europe during the Enlightenment; English Bill of Rights and U.S. Bill of Rights; Magna Carta; Great Council; Parliament; Petition of Right; Glorious Revolution; Stuart Kings in England; the Puritans	Study: EB Learning Material Essay: Persuasive
11	Nineteenth Century Philosophy	Transition between the philosophy of the Enlightenment and the philosophical movements of the 19th century; philosophical views of: Immanuel Kant, Christopher Wolff, and David Hume; German Idealists: Johann Gottlieb Fichte, Friedrich Wilhelm Joseph von Schelling, and Georg Wilhelm Friedrich Hegel; empiricism, utilitarianism, idealism, socialism, sociology, psychology, and positivism; scientific discoveries and political events of the 19th century; Utilitarians: Jeremy Bentham, John Stuart Mill, Herbert Spencer, Karl Marx, and Friedrich Nietzsche; British Idealists: Thomas Hill Green, Francis Herbert Bradley, and Bernard Bosanquet	Study: EB Learning Material Essay: Persuasive

Lesson Title		Lesson Content	Essays & Media
12	Twentieth Century Philosophy	Philosophical movements of the twentieth century: existentialism, phenomenology, pragmatism, logical positivism, and philosophical analysis; pragmatists: Charles Peirce, William James, and John Dewey; logical positivists: Moritz Schlick, Rudolf Carnap, and Alfred North Whitehead; existentialists: Soren Kerkegaard, Friedrich Nietzsche, Martin Heidegger, and Jean-Paul Sartre; phenomenology and Edmund Husserl; philosophical analysis: Bertrand Russell and Ludwig Wittgenstein	Study: EB Learning Material Essay: Persuasive
13	Ancient Greek Literature	Origin of Greek language and literature; Greek literature: Golden Age, Hellenistic Age, and Greco-Roman Age; Homer, Hesiod, Sappho, Pindar, Alcman, Stesichorus, Simonides, Callinus, Tyrtaeus, Mimnermus, Theognis, Archilochus, Semonides of Amorgos, Hipponax, Menadar, Herodotus, Thucydides, Demosthenes, Phillip II, Alexander the Great, Theocritus, Callimachus, Appohnius, Polybius, Plutarch, Lucian, Epictetus, Ptolemy, Galen, and Plotinus; poetry: didactic, epic, melic, elegiac, iambic, pastoral, and choral; Old Comedy, New Comedy; <i>Iliad</i> ; <i>Odysey</i> ; Macedonia; Athens; hexameter; pentameter; prose and poetry	Study: EB Learning Material Essay: Persuasive
<i>History of World Literature</i>			
14	Ancient Latin Literature	Origin of Latin language and literature; Latin literature: Early Period, Golden Age, Age of Cicero, Augustan Age, and Silver Age; Plutarch, Lucian, Epictetus, Ptolemy, Galen, Quintus Ennius, Lucius Accius, Marcus Pacuvius, Plautus, Terence, Cato, Lucilius, Pacuvius, Gaius Lucilius, Cicero, Julius Caesar, Sallust, Lucretius, Virgil, Horace, Tibullus, Propertius, Ovid, Tibullus, Livy, and Martial Juvenal; Roman Empire; Latins; Etruscans; Phoenicians; Roman Republic; Latin tragedies; Latin comedies; <i>Saturna</i> ; <i>Aeneid</i> ; Horatian satire; Juvenal satire; elegiac poetry; Imperial Period; fall of Rome	Study: EB Learning Material Essay: Compare and Contrast
15	British Literature	Origin of British literature; British literature periods: Medieval, Renaissance, Neoclassical, Romantic, Victorian, Edwardian, Modernism, and Post-Modernism; Geoffrey Chaucer, William Shakespeare, Christopher Marlowe, Ben Jonson, Jonathan Swift, Samuel Johnson, William Wordsworth, Samuel Coleridge, Jane Austen, and Charles Dickens; lyric poetry: sonnet and narrative poetry; Renaissance; Enlightenment; Restoration Period; Augustan Age; the Age of Johnson, Martin Luther, Henry VIII, Elizabeth I, James I, Charles I, Oliver Cromwell, Charles II, James II, William and Mary, Queen Victoria, and Edward VII	Study: EB Learning Material Essay: Compare and Contrast

Lesson Title		Lesson Content	Essays & Media
16	French Literature	Origin of the French language and literature; plays: mystery, miracle, and morality; Rene Descartes, Blaise Pascal, Madame de La Fayette, Marie de France, Maguerite of Navarre, Francois Rabelais, Joachim du Bellay, Michel de Montaigne, Francois-Marie Arouet, Voltaire, Denis Diderot, Alain Rene Lesage, Madame de Stael, Alexandre Duman, Victor Hugo, George Sand, Emile Zola, Arthur Rimbaud, Simone de Beauvoir, and Jean-Paul Sartre; Classical Age, Romanticism, Naturalism, Symbolism, and Existentialism; Romance languages; troubadours; farces; Humanists; Pleiade; Renaissance; Age of Reason; Theater of the Absurd; <i>Apostrophes</i>	Study: EB Learning Material Essay: Letter to the Editor
17	German Literature	Origin of the German language and literature; German literature: First Golden Age, Interim Period, and the Second Golden Age; Ekkehard, Wolfram von Eschenbach, Tannhauser, Hans Sach, Martin Luther, Johann Gottfried von Herder, Johann Wolfgang von Goethe, August Wilhelm Schlegel, Friedrich Schlegel, Ernst Theodor Amadeus, Wilhelm Hoffman, Hermann Hesse, Wolfgang Hilbig, Christa Wolf, Gunter Grass; High German; Low German; minnesingers; Meistersingers; Humanism; Renaissance; Reformation; Baroque period; Enlightenment; <i>Sturm und Drang</i> ; Classical; Romanticism; Realism; propaganda; Nazis	Study: EB Learning Material Essay: Persuasive
18	Italian Literature	Origin of the Italian language and literature; Theodoric, Anicius Manlius Severinus Boethius, Frederic II, Saint Francis of Assisi, Guittone d' Arezzo, Guido Guinizelli, Dante Alighieri, Francesco Petrarch Giovanni Boccaccio, Angelo Poliziano, Luigi Pulci, Matteo Maria Boiardo, Jacopo Sannazaro, Niccolo Machiavelli, Tommaso Campanella, Alessandro Manzoni, Tommaso Marinetti Eugenio Montale, Salvatore Quasimodo, Cesare Pavese, Elio Vittorini, Vasco Pratolini, and Dario Fo; Sicilian School; <i>The Divine Comedy</i> ; Renaissance; Humanism; Mannerism; <i>Risorgimento</i> ; <i>verismo</i> ; <i>Dolce stil nuovo</i> ; Realism and Futurism	Study: EB Learning Material Essay: Descriptive
19	Nordic Literature	Origin of the Nordic languages and literature; Nordic countries: Denmark, Norway, Sweden, Finland, and Iceland; Snorri Sturluson, Thomas Kingo, Petter Dass, Ludvig Holberg, Johannes Ewald, Carl Michael Bellman, Adam Gottlob Oehlenschläger, Hans Christian Andersen, Aleksis Kivi, Jon Thoroddsen, August Strindberg, Alexander Kielland, Camilla Collett, Henrik Wergeland, Knut Hamsun, Martin Andersen Nexø, Selma Lagerlof, Isak Dinesen, and Halldor K. Laxness; Viking Age; <i>Beowulf</i> ; skald; <i>Poetic Edda</i> ; kenning; saga; dialect; Golden Age; Romanticism; Realism; Modern Period; Postmodern Period	Study: EB Learning Material Essay: Persuasive

Lesson Title		Lesson Content	Essays & Media
20	Spanish Literature	Origin of the Spanish language and literature; Pelayo, Rodrigo Diaz de Vivar, Don Juan Manuel, Inigo Lopez de Mendoza, Juan de Mena, Jorge Manrique, Antonio de Nebrija, Joanot Martorell, Marti Joan de Calba, Fernando de Rojas, Fray Luis de Leon, Gaspar Gil Polo, St. Teresa of Avila, Miguel de Cervantes, Luis de Gongora, Benito Jeronimo Feijoo, Angel de Saavedra, Jose Zorrilla, Rosalia de Castro, Benito Perez Galdos, and Juan Ramon Jimenez; Castillian and Catalan dialects; <i>jarchas</i> ; <i>juglars</i> ; Golden Age; Renaissance; pastoral novels; picaresque novels; <i>conceptos</i> ; <i>Las Siete Partidas</i> ; Neoclassicism; <i>Costumbrismo</i> literature; Modernism	Study: EB Learning Material Essay: Persuasive
21	Russian Literature	Origin of the Russian language and literature; Rurik, Batu Khan, Ivan the Terrible, Avvakum, Simeon Polotsky, Johann Gergori, Peter the Great, Ivan Krylov, Alexander Pushkin, Nikolai V. Gogol, Yevgeny Baratynsky, Wilhelm Kuchelbecker, Alexander Griboyedov, Mikhail Saltykov-Shchedrin, Nicolas I, Nikolay Nekrasov, Leo N. Tolstoy, Fedor Dostoevsky, Anton Chekhov, and Boris Pasternak; Varangians; Russian Empire; Union of Soviet Socialists Republics (USSR); The Primary Chronicles; Golden Horde; Mongols; John III; Old Church Slavonic; Muscovite literature; Romanticism; the Aesopic language	Study: EB Learning Material Essay: Persuasive
<i>History of World Religions</i>			
22	Overview of Religion	Elements of religion including: prayer and ceremony, religious beliefs, and the organization and structure of religion; agnosticism, animism, atheism, deism, denomination, humanism, matriarchal, monotheism, patriarchal, polytheism, sect, secularism, theism, theocracy, and theology; relationship between laypeople and clergy in a religion; history of the major religions of the world: Confucianism, Taoism, Buddhism, Hinduism, Judaism, Islam, Shinto, and Christianity; the relationship between the First Amendment of the U.S. Constitution and the establishment and practice of religion	Study: EB Learning Material Essay: Letter to the Editor
23	Hinduism	Origin of Hinduism: Aryan people; caste system in India: Kshatriyas, Brahmans, Vaisyas, and Sudras; Hindu Trinity including the gods: Brahman, Shiva, and Vishnu; reincarnation; nirvana; Sanskrit, Atman, Vedas, Puranas, Ramayana, Mahabharata, Rama, Krishna, and Lakshmi; Hindu worship in the temples and homes; worship of Hindu gods and saints	Study: EB Learning Material Essay: Persuasive Essay

Lesson Title		Lesson Content	Essays & Media
24	Buddhism	Origin of Buddhism; Tripitaka: Basket of Discipline, Basket of Discourses, and Basket of Higher Dharma; Siddhartha Gautama; Buddha; Buddhism; enlightenment; "the Enlightened One" bhondi; reincarnation; dharma; sanga; Middle Way; Four Noble Truths; Noble Eightfold Path; Schools of Buddhism: Theravada, Mahayana, Mantrayana, and Zen; spread of Buddhism throughout Asia following the death of Buddha	Study: EB Learning Material Essay: Compare and Contrast
25	Taoism	Origin of Taoism or Daoism; historical origin of Legalism; Chinese schools of thought: Confucianism, Legalism, Buddhism, and Taoism; yin and yang; Qin or Ch'in Dyansty; Zhou Dyasty; "Tao Te Ching"; "The way of Zhuangzi"; Confucius; Siddhartha Gautama; Buddha; Xunzi; Mencius; Lao-zi, Zhuangzi; Han Fei Tzu; Tsao Chun	Study: EB Learning Material Essay: Compare and Contrast
26	Confucianism	Origin of Confucianism; Chinese philosophies: Confucianism, Legalism, and Taoism; yin and yang; Buddhism; Hinduism; Neo-Confucianism; Chou Dynasty; Confucian code of conduct, "Analects", and the "Five Classics"; I Ching; Golden Rule; Confucius, Zhu Xi, Wang Yangming, Mencius, and Xun Zi; Chinese revolution of 1911; Communist Revolution of 1949	Study: EB Learning Material Essay: Persuasive Essay
27	Shinto	Origin of the Shinto religion; influence of Buddhism and Confucianism on the culture and society of Japan; clan; dynasty; Kami; shogun; samurai; Shinto; Yamamoto; matsuri; animism; nencho gyo; development and status of the Shinto religion in the 19 th and 20 th centuries	Study: EB Learning Material Essay: Descriptive Essay
28	Judaism	Origin of Judaism: Abraham, Jacob, Isaac, Moses, David, Solomon, and Judah Maccabee; Old Testament, Hebrew Bible, Torah, Talmud, Ten Commandments, covenant, and Ark of the Covenant; Sabbath; Exodus; Mount Sinai; Yom Kippur, Rosh Ha-Shanah, Passover, Shavuot, Hanukkah, bas mitzvah, bar mitzvah, synagogue, rabbi, cantor, and shofar; Orthodox Judaism, Reformed Judaism, and Conservative Judaism	Study: EB Learning Material Essay: Persuasive Essay
29	Islam	Origin of Islam; similarities and differences between Islam, Judaism, and Christianity; Muhammad; Allah; Abu Bakr; Abraham; Moses; Muslim, Ramadan, Mecca, Hegira, Koran (Quran), Kaaga, Medina, Bedouins, Rightly Guided Caliphs, Umayyad, Abbasids, Shiite, Sunni, jihad, five pillars of faith, sheik, tribe, infidel, and pilgrimage	Study: EB Learning Material Essay: Compare and Contrast

	Lesson Title	Lesson Content	Essays & Media
30	Christianity	Origin of Christianity: Roman Catholic, Eastern Orthodox, and Protestant Churches; Jesus Christ, Paul, and Peter; Martin Luther; Gregory VII; Henry VIII and Clement VII; John Smyth; John Wesley; John Calvin; Protestant churches: Anglican, Baptist, Congregationalist, Episcopalian, Lutheran, Methodist, and Presbyterian; Holy Trinity; Council of Trent; Nicene Creed; Apostles' Creed; Messiah; <i>Book of Common Prayer</i> ; Pilgrims, Puritans, Mass, and Byzantine Empire; indulgence, crucifixion, Inquisition, heresy; Reformation, and Counter-Reformation	Study: EB Learning Material Essay: Compare and Contrast



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Lifetime Fitness Grade Levels 9 - 12

A+LS Lifetime Fitness introduces students to a variety of topics including:

- workouts and exercise
- nutrition and healthy choices
- aerobic exercise
- effects of exercise on the heart
- bones, joints, and muscles
- sports and sport injuries
- rock climbing, trail hiking, and biking
- water resources and water sports
- martial arts
- weight training
- running
- skating
- winter sports
- bicycling and walking trails
- fitness careers

Bicycling and Walking

Today there is an increased emphasis on walking and bicycling as modes of transportation in cities throughout the United States. However, many safety and planning issues must be addressed before these methods become a commonplace mode of transportation.



This article is adapted from The National Bicycling and Walking Study Final Report, "Transportation Choices for a Changing America" (Federal Highway Administration Publication No. FHWA-PD-94-023), remarks delivered by Federal Highway Administrator Rodney E. Slater April 22, 1994, and other material provided by the Federal Highway Administration.

This information about bicycling and walking was published by the U.S. Department of Transportation.

Bicycling and Walking Can Be Feasible
Transportation Choices:
Making More Modes

... LIFETIME FITNESS ...

LESSON 23: **Bicycling and Walking**

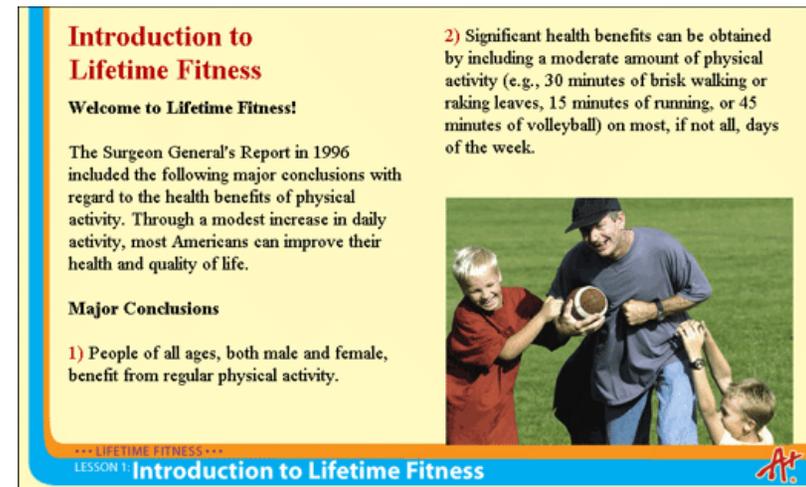


Course Description

The *A+LS*[™] Lifetime Fitness course is designed to teach students basic concepts of lifetime physical fitness and to give each student experience in developing personal exercise programs. The achievement of personal physical fitness is a lifelong pursuit that is critical to the development and maintenance of good health. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course or adaptive assessments developed for our elective course titles.

Course Features

- Lifetime Fitness is presented as a semester-long high school elective course.
- Most of the twenty-six lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- Major projects include creating and implementing a personal diet and exercise plan. Students will also engage in physical activities over a six-week period to complete the President's Challenge and achieve the Presidential Active Lifestyle Award (PALA).
- This title is certified by MetaMetrics[®] with a Lexile[®] score.



Introduction to Lifetime Fitness

Welcome to Lifetime Fitness!

The Surgeon General's Report in 1996 included the following major conclusions with regard to the health benefits of physical activity. Through a modest increase in daily activity, most Americans can improve their health and quality of life.

Major Conclusions

1) People of all ages, both male and female, benefit from regular physical activity.

2) Significant health benefits can be obtained by including a moderate amount of physical activity (e.g., 30 minutes of brisk walking or raking leaves, 15 minutes of running, or 45 minutes of volleyball) on most, if not all, days of the week.



LIFETIME FITNESS
LESSON 1 **Introduction to Lifetime Fitness**



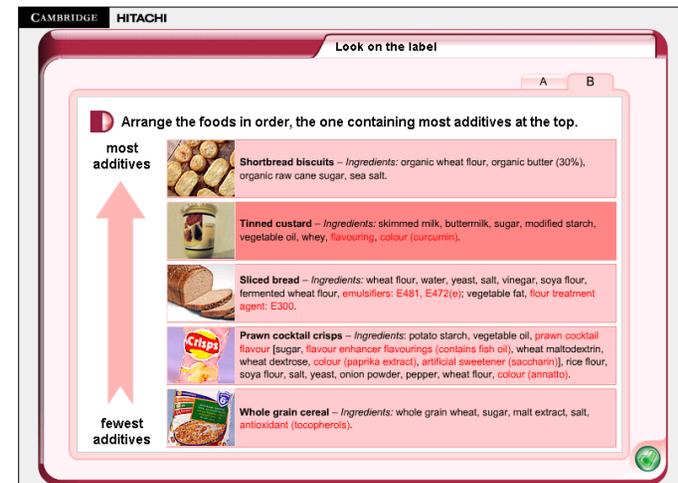
- A+[®] VIP Bundle™ customers receive Cambridge University Press (CUP) Learning Objects.
- In addition, A+ VIP Bundle customers receive access to Encyclopædia Britannica Online School Edition[®] (EB) workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.

Course Objectives

- The content in this course is based on the National Standards for Health Education (developed by the National Association for Sport and Physical Education).
- The goal of this course is to develop physically educated individuals who have the knowledge, skills, and confidence to enjoy a lifetime of healthy physical activity.
- Lessons enable students to explore various occupations in the physical fitness and health related fields.
- Students research information on fitness in their communities, experience a virtual field trip, and complete a variety of physical activities.

Practical Tips

- The Lifetime Fitness course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations. Available at: www.adobe.com, select the **Get Adobe Reader** button.



CAMBRIDGE HITACHI

Look on the label

A B

D Arrange the foods in order, the one containing most additives at the top.

most additives

Shortbread biscuits – *Ingredients:* organic wheat flour, organic butter (30%), organic raw cane sugar, sea salt.

Tinned custard – *Ingredients:* skimmed milk, buttermilk, sugar, modified starch, vegetable oil, whey, flavouring, colour (curcumin).

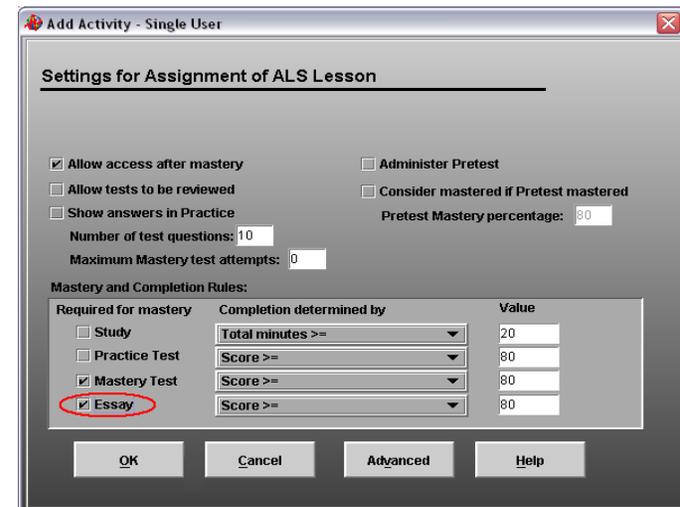
Sliced bread – *Ingredients:* wheat flour, water, yeast, salt, vinegar, soya flour, fermented wheat flour, emulsifiers: E481, E472(e); vegetable fat, flour treatment agent: E300.

Prawn cocktail crisps – *Ingredients:* potato starch, vegetable oil, prawn cocktail flavour [sugar, flavour enhancer flavourings (contains fish oil), wheat maltodextrin, wheat dextrose, colour (paprika extract), artificial sweetener (saccharin)], rice flour, soya flour, salt, yeast, onion powder, pepper, wheat flour, colour (annatto).

Whole grain cereal – *Ingredients:* whole grain wheat, sugar, malt extract, salt, antioxidant (tocopherols).

fewest additives

- Numerous links to the Internet are provided in the course, with additional links provided by the A+ VIP Bundle.
- An Internet connection is required for completion of this course, as well as to utilize the CUP and EB components of the A+ VIP Bundle.
- Due to the interactive nature of the A+ VIP Bundle, there are a few specific software requirements:
 - CUP and EB both require web browsers, the following are recommended:
 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higher
 Note: EB requires cookies enabled.
 - CUP and EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
 - EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download
- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.



Lesson Content

Cambridge Learning Objects are animations and interactive activities that enhance the concepts presented within Lifetime Fitness lessons. Founded in 2003, Cambridge-Hitachi is the result of a joint venture between Cambridge University Press and Hitachi Software Engineering. Cambridge-Hitachi is committed to innovation in e-learning and applies information and communication technologies as powerful tools to enhance the quality of teaching and learning.

- Lifetime Fitness contains learning objects.
- Each learning object provides animated demonstrations of key fitness topics.

Encyclopædia Britannica Online School Edition has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the Lifetime Fitness course.

- Lifetime Fitness contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.

The lessons in this course present valuable recreational resources and a diverse selection of physical fitness activities.

Introduction to Lifetime Fitness
Fitness for a Lifetime
How to Work Out Properly
Exercise Journal
Nutrition and Lifetime Fitness
Healthy Lifestyles
Personal Fitness Program
Aerobic Exercise
Exercise and the Heart
Bones, Joints, and Muscles
Sports Injuries
Individual Physical Activities
Community Team Sports

Rock Climbing
Trail Hiking and Biking
Communities and Water Resources
Water Sports
Martial Arts
Weight Training
Running
Skating Sports
Winter Sports
Bicycling and Walking
Racquet Sports
Adapted Fitness Activities
Fitness Related Occupations

Lesson Title		Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
1	Introduction to Lifetime Fitness	Health benefits of physical fitness; lifetime plan of physical activity; community programs that promote and provide opportunities for physical activity; physical fitness terms; living an active lifestyle	Study: EB Learning Material 2 .PDFs, Getting Fit for Life, Tips for Being More Active Essay: Descriptive
2	Fitness for a Lifetime	Aging of America; benefits of regular physical activity; physiological benefits of physical activity; physical activity terms; how to get started on a physical fitness program	Study: EB Learning Material .PDF, Physical Activity Terms Web Link to Physical Activity for Everyone Essay: Brochure 6 .PDFs, Examples of Brochures
3	How to Work Out Properly	Relationship between regular physical activity and disease; frequency, intensity, and time; proper workouts: warm up, conditioning activity, and cool down; endurance, strength, balance, and stretching exercises	Study: CUP Learning Object EB Learning Material 5 .PDFs, How Much-How Often, About Strength Exercises, About Strength/Balance Exercises, About Stretching Exercises, Making Sense of Recommendations Essay: Collage

Lesson Title		Lesson Content	Essays & Media
4	Exercise Journal	Completion of an exercise journal that records physical activities; President's Challenge (The journal activities in this lesson will take approximately 30 hours to complete.)	Study: EB Learning Material .PDF, Get Fit- Handbook for Youth Ages 6-17 Essay: Physical Activity Log Physical Activity Form
5	Nutrition and Lifetime Fitness	Nutritional food choices, physical activity, and proper nutrition; nutritional guidelines of food labels and the food pyramid (The journal activities in this lesson will take approximately 5 hours to complete.)	Study: CUP Learning Object EB Learning Material 2 .PDFs, Read It Before You Eat It, Nutrition Policy in the 1990s Web Link to Inside the Pyramid Essay: Diet Plan and Narrative .PDF, Personal Food Pyramid Plan Web Link to MyPyramid Plan
6	Healthy Lifestyles	Discussion of the relationship between heredity, environment, lifestyle choices and physical fitness; age and heredity; body changes and aging; risk factors of cancer	Study: CUP Learning Object EB Learning Material .PDF, Cancer Risk Factors Web Link to Welcome to HealthierUS.gov Essay: Persuasive Essay

Lesson Title		Lesson Content	Essays & Media
7	Personal Fitness Program	Nutrition, calories, and exercise; personal fitness as a lifestyle; levels of physical activity; finding your own physical ability; maintaining a fitness program (The journal activities in this lesson will take approximately 5 hours to complete.)	Study: CUP Learning Object EB Learning Material Web Link to Nolan Ryan Fitness Guide Essay: Physical Activity Chart .PDF, My Physical Activity Pyramid
8	Aerobic Exercise	Aerobic exercise and injuries; large muscle groups; aerobic exercises and oxygen use; heart rate; walking; water aerobics; step aerobics	Study: CUP Learning Object EB Learning Material .PDF, Walking Works Essay: Graph
9	Exercise and the Heart	Cardiovascular system: blood flow and chambers of the heart; heart rate: resting, target, maximum, and pulse	Study: CUP Learning Object EB Learning Material Essay: Collage Web Link to What Is a Heart Attack?
10	Bones, Joints, and Muscles	Skeletal and muscular body systems: bones, joints, muscles, tendons, ligaments, and cartilage; injuries; physical activity and fitness	Study: EB Learning Material Essay: Short Report The Virtual Astronaut (3)
11	Sports Injuries	Prevention, recognition, and treatment of sports injuries	Study: EB Learning Material .PDF, Sports Injuries Essay: Collage

Lesson Title		Lesson Content	Essays & Media
12	Individual Physical Activities	Physical activity and a healthy lifestyle; the intensity of physical activities; Metabolic Equivalent Level (MET); energy cost of physical activity; individual exercises: golf, walking, yoga, and jumping rope	Study: CUP Learning Object EB Learning Material 2 .PDFs, Activities Defined by Levels of Intensity & Compendium of Physical Activities Web Links to Measuring Intensity, Target Heart Rate, Metabolic Equivalent Level, Intensity of Physical Activity, Benefits of Yoga, CDC Activity Cards- Golf, Walking, Yoga, Jump Rope Essay: Narrative
13	Community Team Sports	Team sports in schools and communities: softball, soccer, and basketball	Study: EB Learning Material Web Link to CDC Activity Cards- Softball, Basketball, Soccer Essay: Virtual Field Trip Web Link to same sites as in Study
14	Rock Climbing	Rappelling; proper clothing and safety equipment; importance of quality rock climbing instruction; recreation areas that have climbing activities	Study: EB Learning Material Essay: Short Report

Lesson Title		Lesson Content	Essays & Media
15	Trail Hiking and Biking	Hiking, walking, and biking trails; National Park Service, U.S. Department of the Interior; exercises and cardio workouts; recreation areas that have hiking and biking activities	<p>Study: EB Learning Material 3 .PDFs, America's National Trails System, Hiking in the Park-Yellowstone, Bicycling in Yellowstone</p> <p>Web Link to Bicycling and Walking in the U.S. Today, Bicycling in Prince William Forest, National Trails Day, Recreation.gov</p> <p>Essay: Letter to the Editor</p>
16	Communities and Water Resources	Using natural resources to create centers of recreation; National Park Service programs; community waterway projects, community waterfronts, development of trails, restoration of rivers	<p>Study: EB Learning Material</p> <p>Web Link to Rivers, Community Waterfronts, River Restoration, River Greenways, Conservation Assistance Program, Community Toolbox, Recreation.GOV</p> <p>Essay: Virtual Field Trip</p> <p>National Park Service-Nature and Science</p>

	Lesson Title	Lesson Content	Essays & Media
17	Water Sports	Water sports: surfing, scuba diving, snorkeling, waterskiing, kayaking, and canoeing	<p>Study: EB Learning Material Web Link to Water Sports, Sea Kayaking, Recreational Boating, Sports Information-Rowing, Water Trails, Boating Safety, Water Related Injuries, Swimming, Health Swimming, Swimmer's Ear, USA Water Ski Association, Scuba Diving Safety Brief, Sports Information-Swimming and Water Skiing, Scuba Diving, CDC Activity Cards-Canoeing/Kayaking, Swimming, Surfing, Water Skiing, Snorkeling</p> <p>Essay: Collage Web Link to Health and Safety Directorate</p>
18	Martial Arts	Martial Arts study of Judo, Karate, and T'ai chi ch'uan	<p>Study: EB Learning Material Web Link to Martial Arts Activity Card</p> <p>Essay: Compare and Contrast Web Link to Links to Sports Information</p>

Lesson Title		Lesson Content	Essays & Media
19	Weight Training	Weight training: using resistance, machines, and free weights; strength, stretching, and flexibility exercises	<p>Study: EB Learning Material 2 .PDFs, Tips for Buying Exercise Equipment, Progression and Resistance Training Web Link to Why Do Workouts Work?, Ab Energizer Case, It's Never Too Late to Start Exercising, National Institute on Aging-Examples of Strength Exercises (23 sites)</p> <p>Essay: Persuasive Web Link to Physician's Rx-Exercise, Getting In Shape for Winter Sports</p>
20	Running	Origin of the marathon; starting a running program; running shoes; jogging and road races; respiratory system: nostrils, nasal cavities, pharynx, trachea, bronchi, bronchioles, and lungs	<p>Study: EB Learning Material Web Link to Physical Activity and Health-Adults, Measuring Physical Activity Intensity, OKC Memorial Marathon</p> <p>Essay: Persuasive</p>

Lesson Title		Lesson Content	Essays & Media
21	Skating Sports	Safety equipment: helmet, mouth guards, eye protection, wrist, knee, and elbow pads; skateboarding, inline skating	Study: EB Learning Material 2 .PDFs, Skateboards-Fact Sheet, Safety Review-Skateboarding Web Link to Full of Thrills and Spills, Inline Skating Safety Alert, CDC Activity Cards-Skateboarding, Inline Skating Essay: Letter to the Editor Web Link to Injury Prevention for Summer Sports
22	Winter Sports	Winter sports: figure skating, snow skiing, and snowboarding	Study: EB Learning Material Web Link to Getting in Shape for Winter Sports, Figure Skating, Snowboarding, CDC Activity Cards-Figure Skating, Snow Skiing Essay: Web Search Web Link to National Park Service-Snow Skiing

Lesson Title		Lesson Content	Essays & Media
23	Bicycling and Walking	Walking and bicycling as modes of transportation in cities; hiking and biking trails in cities; mountain bicycling on public lands	<p>Study: EB Learning Material Web Link to Daily Travel by Walking and Bicycling, Bicycling Activity Card, Connections to Transit, Off-Road Trails, Mountain Bicycling Action Plan</p> <p>Essay: Short Report Web Link to same 5 sites in Study, plus Youth Media Campaign-VERB</p>
24	Racquet Sports	Racquet sports: tennis, badminton, racquetball, squash, and table tennis	<p>Study: EB Learning Material Web Link to Tennis Activity Card, Youth Media Campaign-VERB</p> <p>Essay: Short Report Web Link to Links to Sports Information</p>
25	Adapted Fitness Activities	Physical disabilities and sports activities; Special Olympics and National Council on Disability; recreational facility guidelines of the Americans with Disabilities Act	<p>Study: EB Learning Material Web Link to Special Olympics, Accessibility Guidelines</p> <p>Essay: Persuasive Web Link to Accessibility Guidelines</p>

	Lesson Title	Lesson Content	Essays & Media
26	Fitness Related Occupations	Employment opportunities in healthcare and recreation: dietitians and nutritionists, occupational therapists, physical therapists, recreational therapists, recreation and fitness workers, athletes, coaches, umpires, and related workers	Study: EB Learning Material Web Link to Tomorrow's Jobs, Dietitians and Nutritionists, Occupational Therapists, Physical Therapists, Recreational Therapists, Recreation Workers, Athletes, Coaches, and Umpires Essay: Persuasive Web Links same as in Study



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Psychology Grade Levels 9 - 12

A+LS Psychology introduces students to a variety of topics including:

- research methods
- the human brain and how it works
- the nervous and endocrine systems
- concepts of thresholds
- perceptual constancy
- DNA
- environment and behavior
- causes and affects of stress and coping strategies
- emotions and maturation
- motivations and Maslow's hierarchy of needs
- theories of development
- infancy
- childhood and parenting
- adolescence
- adulthood and lifespan stages
- personality, the id, the ego, and the super ego
- memory
- learning and intelligence
- cultural psychology
- psychoactive drugs
- prohibition
- depression and self injury
- violence and bullying
- diseases and injuries of the brain



PSYCHOLOGY ★

What Is Personality?

You might have heard someone say something like this: "Max has the personality of a flat tire!"

What does that statement mean? What is personality? This is a term many people use on a regular basis. Perhaps you and your friends use the same word to mean slightly different things.

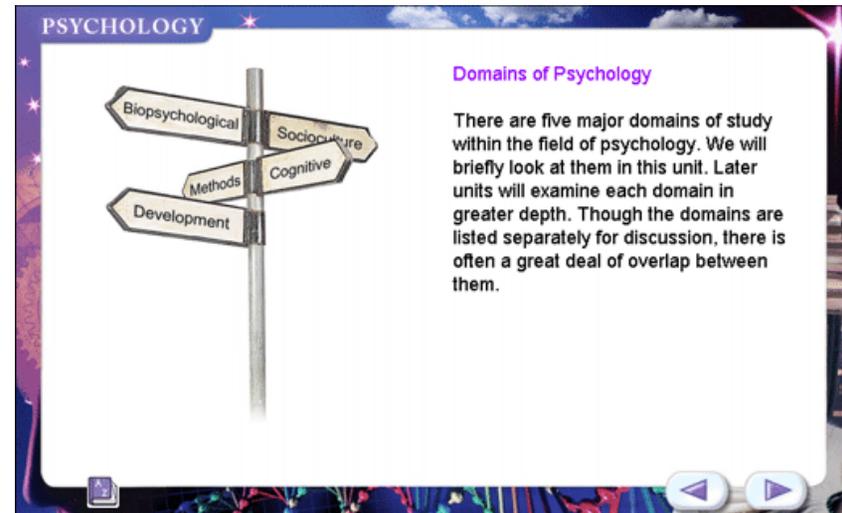
Navigation icons: back, forward, search, and refresh.

Course Description

The *A+LS*[™] Psychology course presents the study of both the mind and behavior and in particular the relationships between the two. This course is designed to provide students with a solid foundation of comprehensive knowledge and research skills that can be applied to all fields of psychology. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course or adaptive assessments developed for our elective course titles.

Course Features

- Psychology is presented as a semester-long high school elective course.
- All thirty-three lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- Numerous lessons access information from government sources regarding topics such as mental health, suicide facts, and personality disorders.
- This title is certified by MetaMetrics[®] with a Lexile[®] score.
- *A+*[®] VIP Bundle[™] customers receive Cambridge University Press[®] (CUP) Learning Objects.



- In addition, A+ VIP Bundle customers receive access to *Encyclopædia Britannica[®] Online School Edition* (EB) workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.



Course Objectives

- The content in this course is based on specific standards developed by the American Psychological Association. These standards focus specifically on the curriculum content for a comprehensive high school psychology course.
- The lessons are designed to move the student from a focus on the individual psychology domains to a broad perspective of psychology and its application to real-life situations.
- Students examine the domains, goals, and various fields of psychology.
- Students review many of the fields of psychology discussed within this course including: cognitive, abnormal, child, clinical, counseling, educational, experimental, industrial, and school psychology.



Practical Tips

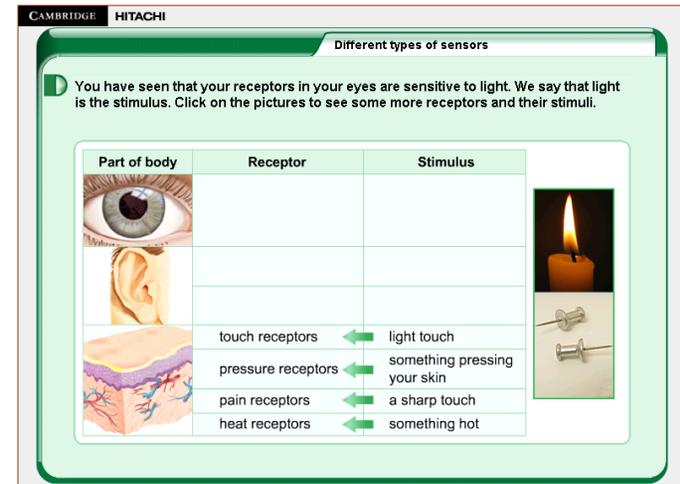
- The Psychology course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations. Available at: www.adobe.com, select the **Get Adobe Reader** button.
- Numerous links to the Internet are provided in the A+ VIP Bundle. An Internet connection is not required for completion of this course, but it is required to utilize the CUP and EB components of the A+ VIP Bundle.

- Due to the interactive nature of the A+ VIP Bundle, there are a few specific software requirements:

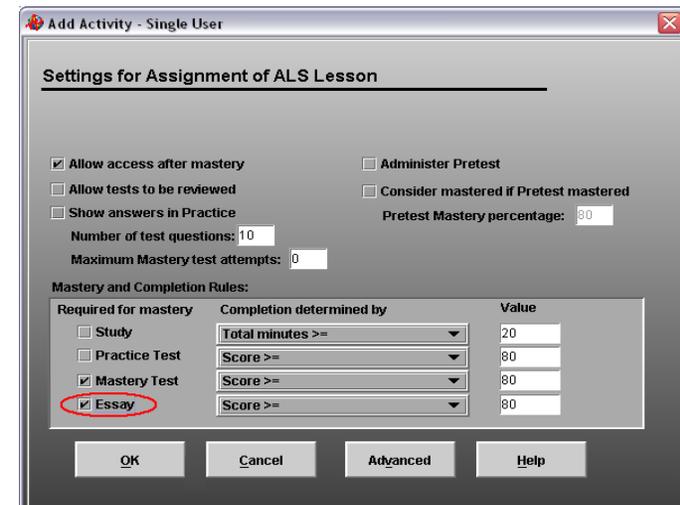
- CUP and EB both require web browsers, the following are recommended:
 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higher

Note: EB requires cookies enabled.

- CUP and EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
- EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download



- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.



Lesson Content

Cambridge Learning Objects are animations and interactive activities that enhance the concepts presented within Psychology lessons. Founded in 2003, Cambridge-Hitachi is the result of a joint venture between Cambridge University Press and Hitachi Software Engineering. Cambridge-Hitachi is committed to innovation in e-learning and applies information and communication technologies as powerful tools to enhance the quality of teaching and learning.

- Psychology contains learning objects.
- Each learning object provides animated demonstrations of key psychology topics.

Encyclopædia Britannica Online School Edition has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the Psychology course.

- Psychology contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.



The screenshot displays the Encyclopædia Britannica Online School Edition interface. The main article is titled "mental disorder" and is on page 20 of 92. The article content includes a section on "Types and causes of mental disorders" with a sub-section for "Major diagnostic categories" which includes "Schizophrenia". A portrait of Eugen Bleuler is shown, with text explaining that he introduced the term "schizophrenia" in 1911. The text also mentions that Emil Kraepelin had first used the term in 1899. The interface includes a search bar, navigation links (HOME, DICTIONARY, LEARNING MATERIALS, TEACHER'S RESOURCES, WORKSPACE, GUIDED TOUR, HELP), and various utility buttons like "SAVE TO WORKSPACE", "PRINT PAGE", "PRINT ARTICLE", "E-MAIL ARTICLE", "CITE ARTICLE", "Spanish Translator", and "Comments or Suggestions?". A sidebar on the left provides a "Table of Contents" for the article, listing sections such as "Introduction", "Types and causes of mental disorders", "Classification and epidemiology", "Theories of causation", "Major diagnostic categories", "Clinical features", "Course and prognosis", "Etiology", "Treatment", "Mood disorders", and "Major mood disorders".

The lessons in the Psychology course are divided into five domains of study and the Applied Psychology Unit. The five domains of study within the field of psychology are: Methods, Biopsychological, Developmental, Cognitive, and Sociocultural.

Unit 1 – Methods Domain

Overview of Psychology
History of Psychology
Research Methods in Psychology

Unit 2 – Biopsychological Domain

The Brain
The Nervous and Endocrine Systems
Sensation and Perception
Heredity and Environment
Stress, Coping, and Health
Motivation and Emotion

Unit 3 – Developmental Domain

Theories of Development
Infancy and Childhood
Adolescence
Adulthood

Unit 4 – Cognitive Domain

Personality
States of Consciousness
Learning
Intelligence
Memory
Thinking and Language

Unit 5 – Sociocultural Domain

Psychological Disorders
Treatment of Psychological Disorders
Social and Cultural Psychology

Unit 6 – Applied Psychology

Psychoactive Drugs
Alcohol Abuse
Drug Abuse and Substance-Related Disorders
Depression
Brain Injury
Diseases of the Brain
Attention Deficit Hyperactivity Disorder
Self-Injurious Behavior
Youth and School Violence
Disaster Mental Health
Ethics in Psychology

Lesson Title		Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
<i>Unit 1: Methods Domain</i>			
1	Overview of Psychology	Behavioral sciences: psychology, sociology and anthropology; domains of psychology: Methods, Biopsychological, Developmental, Cognitive, and Sociocultural; goals of psychology: description, explanation, prediction, and change of behavior; fields of psychology: biological, cognitive, developmental, abnormal, child, clinical, counseling, educational, experimental, industrial, and school; psychologists and psychiatrists	Study: EB Learning Material Web Link to American Psychological Association Essay: Expository
2	History of Psychology	History of psychology: psychology's roots in philosophy and natural science, and emergence of experimental psychology; historical approach: structuralism, functionalism, psychoanalytic, behaviorism, and the Gestalt School; Charles Darwin, Sigmund Freud, Wilhelm Wundt, William James, John Watson, and Max Wertheimer; modern approach: biological, behavioral, cognitive, humanistic, and the sociocultural perspective	Study: EB Learning Material Essay: Descriptive
3	Research Methods in Psychology	Definition of research; steps in a research project: identify problem, research, hypothesis, method, sample size, gather data, analyze data, and conclusion; independent variable; dependent variable; sample, population; bias; reliability; validity; research designs: descriptive and experimental; methods of research: survey, sample population, correlational studies, quantitative and qualitative research, descriptive statistics, and inferential statistics; mean, median, and mode; ethical issues in psychology	Study: EB Learning Material Essay: Research Plan Writing
<i>Unit 2: Biopsychological Domain</i>			
4	The Brain	Structure and function of the brain; major regions of the brain: forebrain, midbrain, hindbrain, brain stem, medulla, pons, cerebellum, cerebrum, thalamus, hypothalamus, limbic system, cerebral cortex, cerebral hemispheres, frontal lobes, motor cortex, Broca's area, parietal lobes, somatosensory cortex, occipital lobe, and temporal lobe; lateralization of brain function; technological and clinical methods that study the brain; human brain mapping	Study: EB Learning Material .PDF, Human Brain Mapping Essay: Persuasive
5	The Nervous and Endocrine Systems	Organization of the nervous system: central nervous system and peripheral nervous system; structure and function of the neuron: soma, axon, dendrites, synapse, neurotransmitters, synaptic cleft, vesicles, myelin sheath, somatic nervous system, autonomic nervous system, sympathetic nervous system, parasympathetic nervous system, and endocrine system; glands: exocrine, pineal, pituitary, thyroid, thymus, and adrenal; homeostasis; hormones; pancreas; ovary; testis	Study: CUP Learning Object EB Learning Material Essay: Expository

Lesson Title		Lesson Content	Essays & Media
6	Sensation and Perception	Sensation; concepts of threshold: absolute threshold, difference threshold, transduction, and adaptation; sensory systems: vision, hearing, smell, taste, tactile, kinesthetic, and vestibular; perception: bottom-up processing and top-down processing; perceptual organization: principle of similarity, principle of proximity, principle of closure, and principle of simplicity; perceptual constancy; depth cues; monocular cues; binocular cues; attention; stimulus; parallel procession	Study: CUP Learning Object EB Learning Material .PDF, Eye Disease Simulations Essay: Expository
7	Heredity and Environment	How heredity interacts with environment to influence behavior: nature vs. nurture, maturation, heredity and DNA, genome, Human Genome Project, genes, chromosomes, genotype, phenotype, and Diathesis-Stress Theory; use of twin and adoption studies to assess the influence of heredity and environment on behavior; concordance; evolutionary perspective; evolutionary psychology: how evolved tendencies interact with the present environment and culture to determine behavior	Study: CUP Learning Object EB Learning Material .PDF, Genomics 101 Essay: Persuasive
8	Stress, Coping, and Health	Sources of stress: stressors, psychosomatic symptoms, positive and negative stress, and eustress; physical responses to stress: general adaptation syndrome, alarm reaction, resistance phase, and exhaustion phase; psychological responses to stress: Yerkes-Dobson Law, arousal, humor, endorphins, and social support; coping with stress: active coping and defensive coping; relationship between exercise and stress	Study: CUP Learning Object EB Learning Material .PDF, Stress Busters Essay: Descriptive
9	Motivation and Emotion	Motivation; motive; Abraham Maslow's hierarchy of needs; needs: biological needs, psychological needs, homeostasis, and feedback; theories of motivation: instinct, drive-reduction, arousal, incentive, humanistic, and social-cognitive; William Glasser and Reality Therapy; primary drives, secondary drives, and emotions; theories of emotion: James-Lange Theory, Cannon-Bard Theory, and the Schachter-Singer Theory	Study: CUP Learning Object EB Learning Material Essay: Narrative
Unit 3: Developmental Domain			
10	Theories of Development	Developmental psychology; developmental stages; research designs: longitudinal, sectional, maturation, and critical period; major developmental theories: Cognitive Development, Psychological Development, Moral Development, and Social Development; Jean Piaget: sensorimotor stage, preoperational stage, concrete operational stage, and formal operational stage; Erik Erikson: psychosocial states of development; Lawrence Kohlberg: states of moral development; play; socialization; gender roles; ethnic identity	Study: EB Learning Material Essay: Descriptive

Lesson Title		Lesson Content	Essays & Media
11	Infancy and Childhood	Prenatal development, teratogens, and infancy; reflexes: rooting reflex and sucking reflex; language skills and critical periods; language acquisition device; childcare; parenting styles: authoritarian, permissive, democratic, and authoritative; child abuse; effect of television viewing on children; developmental milestones at various ages: three months, seven months, twelve months, two years, three years, and five years	Study: CUP Learning Object EB Learning Material .PDF, Prenatal Drug Exposure Essay: Persuasive
12	Adolescence	Adolescent period of development; G. Stanley Hall's theory of adolescence: sturm und drang; physical development; puberty; secondary sex characteristics; cognitive development; social and emotional changes; identity crisis; James Marcia categories of adolescent identity status: identity moratorium, identity foreclosure, identity diffusion, and identity achievement; social relationships: primary and secondary; myths of adolescence; at-risk behavior; sexuality	Study: EB Learning Material 2 .PDFs, Teen Brains, Teen Birth Rate Essay: Descriptive
13	Adulthood	Early adulthood; career decisions; realistic work environment; investigative work environment; artistic work environment; social work environment; enterprising; conventional work environment; intimacy, marriage, and parenthood; divorce; middle adulthood; midlife crisis; biological clock; physical and cognitive changes: menopause and osteoporosis; sandwich generation; late adulthood; death and dying; Alzheimer's Disease	Study: EB Learning Material .PDF, Menopause .PDF, Tomorrow's Jobs Essay: Persuasive
Unit 4: Cognitive Domain			
14	Personality	Psychological construct and personality construct; ideal self and real self; Sigmund Freud: id, ego, super ego, denial, regression, displacement, projection, and vicarious learning; neo-Freudians: Karen Horney, Erik Erikson, and Alfred Adler and inferiority complex; trait: Gordon Allport and Raymond Cattel; Humanistic: Abraham Maslow and Carl Rogers; behavioral and social: John Watson, B.F. Skinner, and Albert Bandura; Rorschach Inkblot Test; Thematic Apperception Test; Minnesota Multiphasic Personality Inventory; Meyers-Briggs Type Indicator	Study: EB Learning Material Essay: Descriptive
15	States of Consciousness	Nature of consciousness, dualism; states of consciousness: awareness of sensory experiences, inner awareness, and self-awareness; subconscious level: preconscious and nonconscious; concept of mind and consciousness; dualism; parallel-distributed procession model; altered states of consciousness; daydreaming, meditation, and hallucination; stages of sleep; hypnagogic state; sleep spindles; REM sleep; dreams; lucid dreaming; sleep disorders: insomnia, sleep apnea, narcolepsy, and sleepwalking; hypnosis	Study: EB Learning Material .PDF, Understanding Sleep Essay: Descriptive

Lesson Title		Lesson Content	Essays & Media
16	Learning	Stimulus and response, habituation, and opponent-process theory; classical conditioning: Ivan Pavlov, acquisition, extinction, generalization, and stimulus discrimination; taste aversion; operant conditioning: Edward Thorndike and instrumental conditioning; B.F. Skinner and Law of Effect, negative and positive reinforcement, and shaping; schedules of reinforcement; behavior modification; cognitive theories of learning, Jean Piaget, assimilation, and accommodation; social or observational learning; biology and learning; culture and learning	Study: CUP Learning Object EB Learning Material Essay: Descriptive
17	Intelligence	Concept of intelligence; Sir Francis Galton and bell curve; Binet's Theory and ratio intelligence quotient; tests of intelligence: Stanford-Binet, Spearman's "b," Thurstone & Primary Abilities, Jensen and "g," and the Wechsler Test; crystallized intelligence and fluid intelligence, and Raven's Progressive Matrices; multiple intelligences; group tests: Otis-Lennon, ACT, SAT, and ASVAB; reliability, validity, and predictive validity; test scores and standard error of measure; culture and biology	Study: EB Learning Material Essay: Persuasive
18	Memory	Memory; encoding: transducing or transduction, storage, and retrieval; memory stages: sensory memory, short-term memory, and long-term memory; elaboration, rehearsal, chunking; types of long term memory: declarative, semantic, episodic, and procedural; explicit memory; implicit memory; memory retrieval: recall and recognition; forgetting: repression, amnesia, retroactive inhibition, and proactive inhibition; methods for improving memory: mnemonic devices, method of loci, and peg word method; processes that lead to inaccuracies in memory	Study: EB Learning Material Essay: Expository
19	Thinking and Language	Mental image, concept, prototype, cognitive economy, schemas, scripts, and cognitive maps; reasoning: inductive and deductive, propositions; problem solving: trial and error method, means-end analysis, heuristics, working backward, and reverse engineering; barriers to problem solving: fixed mental set, functional fixedness, framing, confirmation bias, and belief perseverance; language and thinking; creativity; language and language development: phonemes, morphemes, and syntax; states of language development; animal communication	Study: EB Learning Material Essay: Expository

Lesson Title		Lesson Content	Essays & Media
Unit 5: Sociocultural Domain			
20	Psychological Disorders	Mental illness; abnormal behavior definition: moral definition, legal definition, and psychological definition; multi-axial classification system of psychological disorders: major mental disorders, mood disorders, and anxiety disorders, Attention Deficit Hyperactivity Disorder, depression, bipolar disorder, phobia, obsessive-compulsive disorder, post-traumatic stress disorder and generalized anxiety disorder, schizophrenia, dissociative disorders, and personality disorders; research in abnormal psychology	Study: EB Learning Material .PDF, Classifications of Major Disorders Essay: Descriptive
21	Treatment of Psychological Disorders	Stigma and mental disorders; legal and ethical challenges in the treatment of psychological disorders: M'Naughten Rule, informed consent; treatment providers: clinical, educational, and counseling psychologists, psychiatrists, licensed clinical social workers, licensed professional counselors, and therapists; treatment approaches: eclectic, psychodynamic, humanistic and introspection, behavior therapy, and cognitive-behavioral; biological approaches: medication, biological interventions, and electroconvulsive shock therapy;	Study: EB Learning Material .PDF, Alternative Approaches to Treatment Essay: Persuasive
22	Social and Cultural Psychology	Situationism; social perception: reference group, primacy effect, and recency effect; social categories: attribution theory, situational attribute, and dispositional attribute; attribution bias: attitudes, conditioning, observational learning, cognitive evaluation, cognitive anchors, biological aspects, and cognitive dissonance; fundamental attribution error; prejudice: stereotypes; individual and group influence: social facilitation, social inhibition, and social loafing and diffusion of responsibility; group decisions; group leadership; group conformity: norms; obedience; aggression; altruism and bystander effect	Study: EB Learning Material Essay: Descriptive
Unit 6: Applied Psychology			
23	Psychoactive Drugs	Psychoactive drugs: depressants, stimulants, opiates, and hallucinogens; history of drugs: prohibition, Federal Pure Food and Drug Act, Harrison Narcotics Act, prohibition, Eighteenth Amendment, Twenty-first Amendment, controlled substances; legalization of drugs; types of drugs: methamphetamine, inhalants, marijuana, and morphine; prescription medication abuse	Study: CUP Learning Object EB Learning Material 6 .PDFs, Depressants, Stimulants, High School Trends, Inhalants, Opiates, Rx Essay: Persuasive

	Lesson Title	Lesson Content	Essays & Media
24	Alcohol Abuse	Types of alcohol: wood alcohol and ethyl alcohol; moderate drinking and alcohol dehydrogenase; alcohol effects on the brain; alcohol as a central nervous system depressant; alcohol blackout; Wernicke-Korsakoff syndrome; cirrhosis of the liver; effects of alcoholism on society: Fetal Alcohol Spectrum Disorder, Fetal Alcohol Syndrome, Fetal Alcohol Effect, and children of alcoholics	Study: CUP Learning Object EB Learning Material Essay: Persuasive
25	Drug Abuse and Substance-Related Disorders	Science behind substance abuse and dependence: dopamine, neurotransmitters, and nucleus accumbens; substance disorders; induced disorders; intoxication; withdrawal; use disorders; dependence; abuse; treatment of substance abuse and dependence; inpatient treatment; outpatient treatment; Alcoholics Anonymous; Narcotics Anonymous	Study: EB Learning Material .PDF, Alcoholism Essay: Persuasive
26	Depression	Major depressive episode: depression symptoms; prevalence of depression; course of a major depression; dysthymic disorder; prevalence and course of dysthymia; causes of depression; depression in children and adolescents; depression in men and women, premenstrual syndrome, and post-partum depression; depression and suicide, and contagion factor; treatment for depression, medication, talk therapy, and self-help for depression	Study: EB Learning Material 2 .PDFs, Suicide Warning Signs and Suicide Facts & Statistics Essay: Descriptive
27	Brain Injury	Traumatic brain injury: Phineas Gage, concussion, depressed skull fracture, penetrating skull fracture, contusion; brain hematomas: epidural hematoma, subdural hematoma, and intracerebral hematoma; anoxia; symptoms of brain injury; Glasgow Coma Scale; treatment; rehabilitation; additional complications of a traumatic brain injury: persistent vegetative state, locked-in syndrome, brain death, and <i>dementia pugilistica</i>	Study: EB Learning Material .PDF, Traumatic Brain Injury Essay: Expository
28	Diseases of the Brain	Cerebrovascular disease: strokes, occlusion, embolus, embolism, and hemorrhagic stroke; risk factors for stroke; warning signs of stroke; infectious diseases: meningitis, encephalitis, and AIDS dementia; neurogenetic diseases: Huntington's disease and Parkinson's disease; neurological developmental disorders: Cerebral Palsy; degenerative diseases of adult life: neurodegenerative disease, Alzheimer's disease, amyloid plaques, and neurofibrillary tangles; convulsive disorders: epilepsy and seizures; brain tumors: primary and secondary, and malignant and benign	Study: EB Learning Material Essay: Persuasive
29	Attention Deficit Hyperactivity Disorder	Symptoms of Attention Deficit Hyperactivity Disorder (ADHD); who can develop ADHD; causes of ADHD: genetics, environmental factors, food additives and sugar, vitamin deficiency, and sleep apnea; treatment for ADHD: psychosocial treatment and medication; ADHD and disruptive disorders: oppositional defiant disorder, conduct disorder, learning disabilities, dyslexia, and Tourette Syndrome	Study: EB Learning Material .PDF, Tourette Syndrome Essay: Expository

Lesson Title		Lesson Content	Essays & Media
30	Self-Injurious Behavior	Definition of self-injury, release of physiological and psychological tension; diagnoses associated with self injury: depression, borderline personality disorder, eating disorders, Post-Traumatic Stress Disorder, dissociative identity disorder; people who self-injure; treatments for self injury: psychological treatment, cognitive behavioral based treatment, and solution-focused counseling; coping strategies	Study: EB Learning Material .PDF, Borderline Personality Disorder Essay: Expository
31	Youth and School Violence	Violence in schools: myths and realities; factors associated with youth violence; school violence statistics; school violence incidents; bullying	Study: 4 .PDFs, Youth Violence, Risk Factors, With Two Parents, Suicide Facts & Statistics Essay: Persuasive
32	Disaster Mental Health	Definition of a disaster, man-made and natural disasters, and impact of a disaster; classification of disaster victims: primary victims, secondary victims, tertiary victims, and quaternary victims; disaster stages: rescue stage, inventory stage, and reconstruction stage; emotional responses of individuals to a disaster: psychic numbing, heightened arousal, vague and general anxiety, survivor guilt, mood instability, and brief psychosis; impact of disasters on children and older adults (65+)	Study: EB Learning Material .PDF, Self-Care Following Disasters Essay: Expository
33	Ethics in Psychology	Definition of ethics; guiding principles for ethics in psychology; making ethical decisions; ethics code and Institutional Review Board; clinical trials: subject in clinical trials, interventional trials, and observational trials; risks; research process, control groups: placebos, treatment trials, diagnostic trials, and supportive care trials; medical clinical trials; participating in a clinical trial; information on clinical trials; caveat	Study: EB Learning Material Essay: Descriptive



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Sociology Grade Levels 9 - 12

A+LS Sociology introduces students to a variety of topics including:

- development of societies, civilizations and cultures
- structure of families and family lifestyles
- education and socialization
- types of religions
- politics and governmental organizations
- economic systems and global economics
- functions of groups and social interactions
- social stratification systems
- individual rights and social justice
- study units on population, families, employment, genders, and race
- study units on crime, aging, healthcare, urban and rural life, and education
- social trends

Lesson Two - Sociology as a Social Science

Overview of Sociology

This lesson will introduce the seven social sciences and determine how they relate to the study of sociology.

You may know more about the social sciences than you realize. Five of the seven social sciences were discussed in a previous lesson. Let's take a closer look at the social sciences.



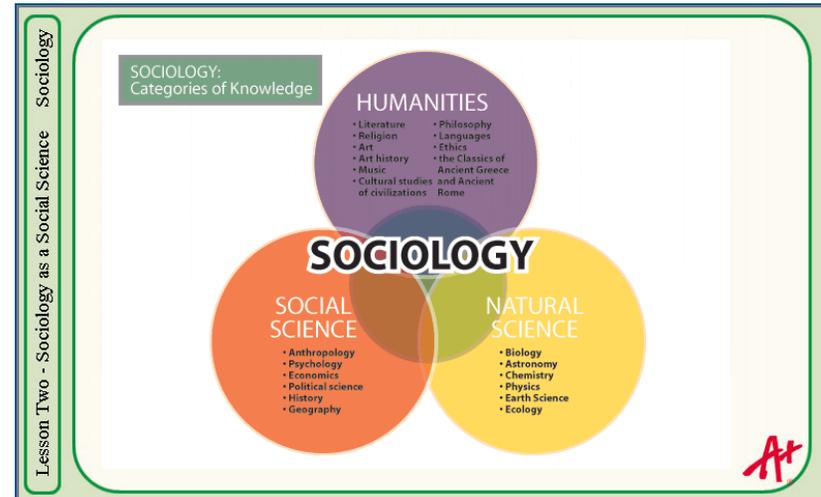
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Course Description

A+LS™ Sociology presents the study of groups, communities, and societies in an in-depth exploration of the process of socialization, norms, folkways and mores, scientific research, social behavior, social institutions, culture, population, minorities, and changes to the informal and formal structure of the society. Objectives from elective courses are not tested on national or state achievement tests. As a result, there are no course or adaptive assessments developed for our elective course titles.

Course Features

- Sociology is presented as a semester-long high school elective course.
- All twenty-eight lessons contain a study guide, a practice and mastery test, and an essay or constructed response.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Additional activities include journals, short reports, summaries, and creating a collage, brochure, or graph. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.
- Study Unit lessons include a diverse selection of reading material for students to expand and apply their knowledge of sociology to the real world.
- This title is certified by MetaMetrics® with a Lexile® score.
- A+® VIP™ Bundle customers receive access to *Encyclopædia Britannica® Online School Edition* (EB) workspaces which contain learning materials. Learning materials may contain articles, games, images, maps, and/or videos. Clearvue (CV) video clips may be included as well.

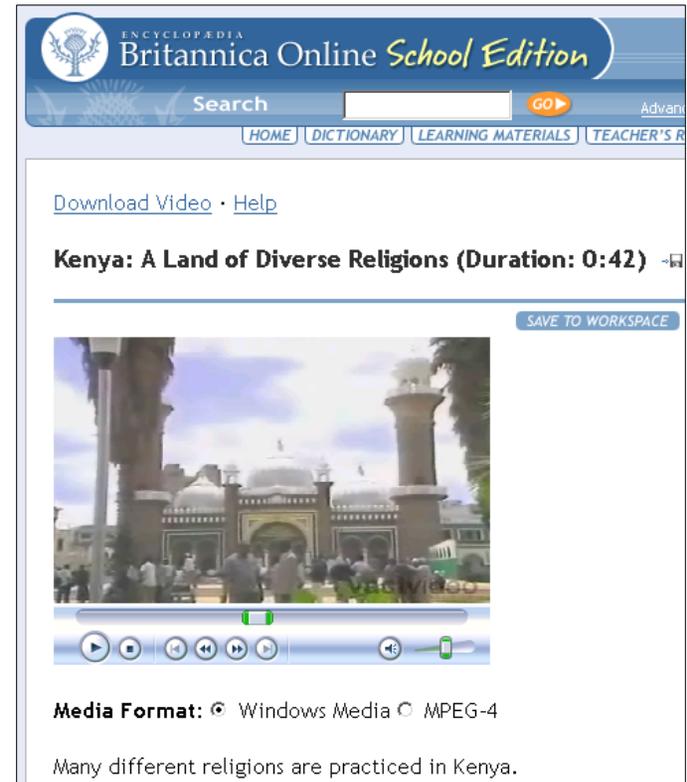


Course Objectives

- The content in these titles is designed to meet and exceed the standards of the National Council for the Social Studies (NCSS).
- Sociology lessons are designed to present a comprehensive description of sociology both as a social science and a behavioral science.
- Students apply research strategies to the detailed examination of sociological data and statistics from numerous studies by various United States federal agencies as they work through a series of study units.

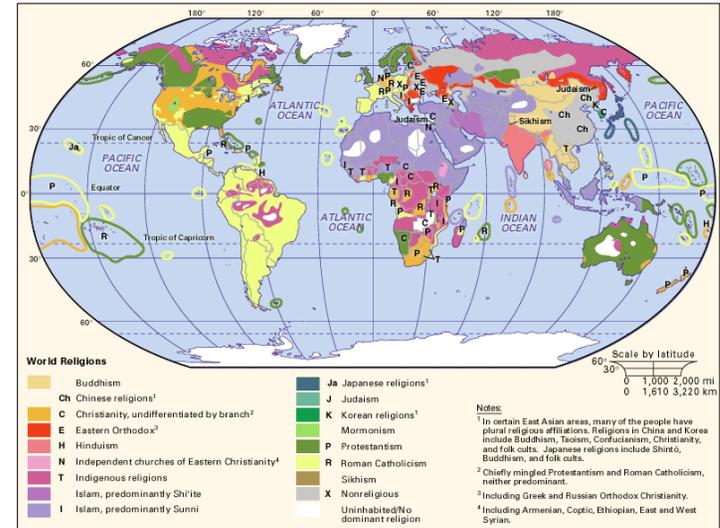
Practical Tips

- The Sociology course requires students to read resources that are linked to the lessons. The majority of these documents are provided as Portable Document Files (PDFs). As a result, students will need Adobe Acrobat[®] Reader[®] available on their workstations. Available at: www.adobe.com, select the **Get Adobe Reader** button.
- Due to the interactive nature of the A+ VIP Bundle, there are a few specific software requirements:
 - EB requires a web browser, the following are recommended:
 - Microsoft Internet Explorer[®] versions 6.0 or higher
 - Safari[®] versions 2.0 or higherNote: EB requires cookies enabled.



The screenshot shows the Britannica Online School Edition interface. At the top, there is a search bar and navigation links for HOME, DICTIONARY, LEARNING MATERIALS, and TEACHER'S RESOURCES. Below the search bar, there are links for "Download Video" and "Help". The main content area displays a video player for "Kenya: A Land of Diverse Religions (Duration: 0:42)". The video player includes a "SAVE TO WORKSPACE" button, a video thumbnail showing a large building with a dome, and a video control bar with play, stop, and volume icons. Below the video player, the "Media Format" is set to "Windows Media" (selected) and "MPEG-4". A caption below the video reads: "Many different religions are practiced in Kenya."

- EB interactive activities require a web browser equipped with the Adobe[®] Flash[®] and Shockwave plug-ins. Available at: www.adobe.com (select **Get ADOBE FLASH PLAYER** and **Get Shockwave Player**).
- EB video clips are offered in Windows Media[®] and MPEG-4 formats. You'll need to have a media player installed that will support these formats:
 - Quicktime[®] - available at: www.apple.com/quicktime/download
 - Windows Media[®] Player - available at: www.microsoft.com/windows/windowsmedia/download
- Links to the Internet are provided as resources for further exploration. Also, numerous links to the Internet are provided in the A+ VIP Bundle. An Internet connection is not required for completion of this course, but it is required to utilize the EB components of the A+ VIP Bundle.
- Students are required to complete the essay section for lesson mastery. This setting must be enabled on the "Settings for Assignment of A+LS Lesson" dialog box. The default setting does not require the completion of the essay for assignment mastery. The circled item shows the proper setting.



Add Activity - Single User

Settings for Assignment of ALS Lesson

Allow access after mastery Administer Pretest
 Allow tests to be reviewed Consider mastered if Pretest mastered
 Show answers in Practice Pretest Mastery percentage: 80

Number of test questions: 10
 Maximum Mastery test attempts: 0

Mastery and Completion Rules:

Required for mastery	Completion determined by	Value
<input type="checkbox"/> Study	Total minutes >=	20
<input type="checkbox"/> Practice Test	Score >=	80
<input checked="" type="checkbox"/> Mastery Test	Score >=	80
<input checked="" type="checkbox"/> Essay	Score >=	80



Lesson Content

Section One (Lessons 1-16)

The lessons in the first section provide the student with an introduction and solid foundation in the basics of sociology. The social behavior of individuals and the main social institutions of the family, education, religion, political systems, and economic systems are addressed in this section. Students also study elements of sociological research and the history of sociology.

Overview of Sociology
Sociology as a Social Science
History of Sociology
Sociological Research
Sociology and Anthropology
Civilizations
Culture
The Family

Education
Religion
Political Systems
Economic Systems
Sociology and Psychology
Social Groups
Social Class
Social Justice

Section Two (Lessons 17-28)

These lessons, called Study Units, introduce the student to the real world of sociology and present an opportunity for the student to apply the background knowledge learned in Section One. Most of the source material identifying various aspects of American society for these lessons was taken from the 2002 Census Report.

There are two levels of questions in each of these study units: practice and mastery. The practice section includes fact-based questions and assures that the student investigates and reads the source documents from the lesson. The mastery section consists of advanced application questions that require the student to make valid inferences from the readings. These questions in the lessons enable the student to explore the higher levels of Bloom's Taxonomy.

Each Study Unit lesson is developed in a format similar to a unit of study in a high school class. The students complete reading assignments that are related to a specific topic such as population.

Population Unit Outline

- Read the Population Unit information in the study guide.
- Read *Population Change and Distribution 1990 to 2000* from the U.S. Census report and complete a ten-question test.
- Read *The Foreign-Born Population* and complete a ten-question test.
- Read *Geographical Mobility: 1995 to 2000* and complete a ten-question test.
- Complete a comprehensive Unit Test over the material from the three reading assignments.

NOTE: Each of the study units requires approximately 2.5 to 3 hours of study time to complete. For this reason, turn on the bookmarking feature of the *A+LS* management system to ensure that the student will complete the lesson.

Units and Reading Assignments

Population

- Population Change and Distribution 1990 to 2000
- The Foreign-Born Population 2000
- Geographical Mobility: 1995 to 2000.

Households

- Households and Families: 2000
- Marital Status: 2000
- Grandparents Living with Grandchildren: 2000

Employment

- Employment Status: 2000
- Household Income: 1999
- Poverty: 1999

Gender

- Gender: 2000
- Occupations 2000
- We the People: Women and Men in the United States

Race 1

- The American Indian and Alaska Native Population: 2000
- The Asian Population: 2000
- The Black Population: 2000

Race 2

- The Native Hawaiian and Other Pacific Islander Population: 2000
- The Hispanic Population
- The White Population: 2000

Crime and Punishment

- The Justice System
- Criminal Victimization, 2003
- Felony Sentences in State Courts, 2002

Aging

- Age: 2000
- The 65 Years and Over Population: 2000
- We the People: Aging in the United States

Healthcare

- 2004 National Healthcare Quality Report
- Disability Status: 2000

Urban and Rural

- Migration and Geographic Mobility in Metropolitan and Non-metropolitan America: 1995 to 2000
- Emergency and Transitional Shelter Population: 2000

Education

- Educational Attainment: 2000
- School Enrollment: 2000
- Language Use and English-Speaking Ability: 2000

Future Sociological Trends (This lesson is presented in the traditional **A+LS** format)

- Demographic Trends of the Twentieth Century
- Tomorrow's Jobs (Department of Labor)
- The United States in International Context: 2000

A+ VIP Bundle

The A+ VIP Bundle includes the *Encyclopædia Britannica Online School Edition*, which has teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support the Sociology course.

- Sociology contains EB workspaces.
- Each workspace may contain an article, diagram, study guide, video, or interactive media.

Lesson Title		Lesson Content	Essays & Media
	All Lessons	Media common to all lessons in this subject.	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
1	Overview of Sociology	Sociology as a behavioral science; groups, communities, and societies; process of socialization; norms, folkways, and mores; scientific research, social behavior, social institutions, culture, population, minorities, and changes to the informal and formal structure of the society	Study: EB Learning Material Essay: Persuasive
2	Sociology as a Social Science	Social sciences: anthropology, psychology, sociology, economics, political science, history, and geography; how the field of sociology is related to the other social sciences; the relationship of the social sciences to the study of the humanities and natural sciences; how a study of the social sciences can be used to solve modern social problems; research methods including the scientific method, quantitative, and qualitative studies	Study: EB Learning Material Essay: Web Search Web Link to States and Territories of the United States
3	History of Sociology	History of sociology from a broad perspective and during the modern period; contributions of Auguste Comte, Herbert Spencer, Karl Marx, Emile Durkheim, Max Weber, Harriet Martineau, Talcott Parsons, George Meade, Robert Merton, and others to the development of sociology; relationship of the Enlightenment and Industrial Revolution to the development of sociology; development of sociology in the United States: Conflict Theory, Economic Determinism, Functionalism, Organizationalist Theory, Positivism, Social Darwinism, Structuralism, Structural-Functionalism, Interactionism, and Symbolic Interactionism	Study: EB Learning Material Essay: Short Answer
4	Sociological Research	How a sociologist uses scientific research to study an element or aspect of society; steps in a sociology research project; research designs of survey, participant observation, laboratory experiment, and external data analysis; independent variable, dependent variable, sample and population, research bias, objectivity, reliability, and validity; elements of a survey; data analysis of tables, charts, and graphs; discussion of the fields of sociology	Study: EB Learning Material 3 .PDFs, National Crime Victimization Survey Redesign, Crop Genetic Resources, American Sociological Association/Ethics Essay: Virtual Field Trip Web Link to Bureau of Justice Statistics

Lesson Title		Lesson Content	Essays & Media
5	Sociology and Anthropology	Anthropology and sociology; research designs of survey; participant observation, laboratory experiment, and external data analysis; independent variable, dependent variable, sample, and population; behavioral science; four main branches of anthropology: physical, cultural, archaeological, and social	Study: EB Learning Material Essay: Collage
6	Civilizations	Development of primitive societies and ancient civilizations: early mankind; Mesopotamia, Assyria, Egypt, and Phoenicia; relationship between the societies of ancient civilizations to the study of modern sociology; how the study of the elements of the social sciences of anthropology and sociology is related to ancient civilizations; branches of anthropology and the institutions of sociology as they relate to ancient civilizations	Study: EB Learning Material Essay: Graph
7	Culture	Development of a culture; material and nonmaterial elements of a culture; how a culture is passed from one generation to the next; enculturation, acculturation, pop culture, cultural diffusion, subcultures, and multiculturalism; norms of a society: folkways, mores, and laws; differences between a culture and a civilization; characteristics of all cultures: labor division, laws against incest, rules for marriage, structure of families, rites of passage, and ideology	Study: EB Learning Material Essay: Persuasive
8	The Family	Structure of a family; function of a family including the socialization of the children; rules of marriage as they relate to customs; religion and government; household, family, subfamily, and marriage; monogamy and polygamy; how changes in lifestyles have affected the structure and functions of the American family	Study: EB Learning Material 5 .PDFs, Live Births, Deaths, Marriages, and Divorces; Percentage of Workforce That Is Female; Violence by Partners; Child Abuse and Neglect Cases Substantiated; Child Abuse and Neglect Cases Reported and Investigated Essay: Short Report Web Link to Directory of Local Government Offices

Lesson Title		Lesson Content	Essays & Media
9	Education	Education in the United States; process of socialization as it relates to the educational system and the family; major educational reform programs in American education; how an educational system transfers the values, customs, and traditions of a culture; role of state and federal governments in American educational system; rites of passage for a student in a school; manifest and latent functions of a society	Study: EB Learning Material .PDF, Children and Youth with Disabilities Essay: Persuasive
10	Religion	First Amendment of the U.S. Constitution and religion; religion as a social institution; elements of religion including prayer and ceremony; religious beliefs and the organization and structure of religion: polytheism, monotheism, atheism, humanism, deism, secularism, theology, animism, theism, and agnosticism; the relationship between laypeople and clergy in a religion; history of the major religions of the world including: Christianity, Islam, Buddhism, Hinduism, and Judaism	Study: EB Learning Material .PDF, Characteristics of Private Schools in the United States Essay: Persuasive
11	Political Systems	Origin, organization, principles, and manner of the operation of governments; goals of the Preamble to the U.S. Constitution; dictatorship, republic, democracy, federal, communism, socialism, totalitarianism, monarchy, oligarchy, confederation, anarchy, and republic; the concept and elements of a nation-state; relationship of power; authority, and coercion; theories of the origin of nations; models of government; elements of the American political system; socialism; communism; capitalism	Study: EB Learning Material Essay: Virtual Field Trip Web Link to Visiting the Library of Congress
12	Economic Systems	Wants and needs; relationship between producers and consumers in an economic system; goods and services; models of government: socialism, communism, and capitalism, traditional, controlled, and market economic systems; circular flow of goods and services in the American economic system; three basic economic questions; contributions of Adam Smith to economic theory; <i>laissez faire</i>	Study: EB Learning Material Essay: Poster
13	Sociology and Psychology	Psychology as a behavioral science; how heredity and environment affect the development of an individual's personality; the learning process including: perception, thought, action, and reaction; how norms, folkways, and mores influence the behavior of individuals and groups in a society; how mental disorders influence the behavior of an individual; relationship between psychology and sociology; characteristics of social psychology and sociology	Study: EB Learning Material Essay: Web Search Web Link to American Psychology Association

Lesson Title		Lesson Content	Essays & Media
14	Social Groups	Social groups, social actions, and social interactions between social groups and social institutions; functions of a social group; characteristics of various types of groups; significance and relationship of statuses and role; how the norms of a society regulate group behavior	Study: EB Learning Material Essay: Descriptive
15	Social Class	Caste, estate, and class systems; structure of social stratification systems; social mobility, statuses, prestige, and roles in a society; social inequality; social theories of Emile Durkheim and Karl Marx; elements of a social class	Study: EB Learning Material 3 .PDFs, Earnings of Year-Round Full-Time Workers, Fifty Occupations with Highest Median Earnings, Fifty Occupations with Lowest Median Earnings Essay: Letter to the Editor 3 .PDFs, same as in Study
16	Social Justice	Dr. Martin Luther King, Rosa Parks, and the civil rights movement; minority groups in the United States; significance of the <i>Plessy v. Ferguson</i> Supreme Court decision; women's rights in America; <i>Brown v. Topeka Board of Education</i> Supreme Court decisions; development of the civil rights movements in the 1950s and 1960s; role of the U.S. Congress, Supreme Court, and the Office of President of the United States in the civil rights movement	Study: EB Learning Material Essay: Persuasive
<i>Sociology Study Units</i>			
17	Study Unit - Population	The diversity of the population in a city, state, region, or nation; a description of the social makeup of people living in a geographical area using population statistics <i>Population Change and Distribution 1990 to 2000</i> <i>The Foreign-Born Population 2000</i> <i>Geographical Mobility: 1995 to 2000</i>	Study: EB Learning Material .PDF, Glossary of Census Terms

	Lesson Title	Lesson Content	Essays & Media
18	Study Unit - Households	Recognizing the family as an important element in the survival of societies and civilizations <i>Households and Families: 2000</i> <i>Marital Status: 2000</i> <i>Grandparents Living with Grandchildren: 2000</i>	Study: EB Learning Material .PDF, Glossary of Census Terms
19	Study Unit - Employment	How employment and income levels affect the lifestyles of all Americans; the relationship among poverty, employment, and household income <i>Employment Status: 2000</i> <i>Household Income: 1999</i> <i>Poverty: 1999</i>	Study: EB Learning Material .PDF, Glossary of Census Terms
20	Study Unit - Gender	The ongoing issues of gender and discrimination in society and the workplace; the issue of equal pay for equal work <i>Gender: 2000</i> <i>Occupations 2000</i> <i>We the People: Women and Men in the United States</i>	Study: EB Learning Material .PDF, Glossary of Census Terms
21	Study Unit – Race 1	A discussion on the demographics of three of the races identified in the Census 2000 data <i>The American Indian and Alaska Native Population: 2000</i> <i>The Asian Population: 2000</i> <i>The Black Population: 2000</i>	Study: EB Learning Material .PDF, Glossary of Census Terms
22	Study Unit – Race 2	A discussion on the demographics of three of the races identified in the Census 2000 data <i>The Native Hawaiian and Other Pacific Islander Population: 2000</i> <i>The Hispanic Population</i> <i>The White Population: 2000</i>	Study: EB Learning Material .PDF, Glossary of Census Terms

	Lesson Title	Lesson Content	Essays & Media
23	Study Unit – Crime and Punishment	The role of the government in the issues of crime and punishment in the United States; the framework of the judicial system <i>The Justice System</i> <i>Criminal Victimization, 2003</i> <i>Felony Sentences in State Courts, 2002</i>	Study: EB Learning Material 2 .PDFs, Criminal Offenders Statistics, Glossary of Census Terms Web Link to Crime Trends
24	Study Unit – Aging	The issues of aging in America and the financial status of the <i>Federal Old-Age and Survivors Insurance and Disability Insurance Trust Funds</i> <i>Age: 2000</i> <i>The 65 Years and Over Population: 2000</i> <i>We the People: Aging in the United States</i>	Study: EB Learning Material .PDF, Glossary of Census Terms
25	Study Unit – Healthcare	Quality healthcare and disease prevention; health issues: cancer, heart disease, HIV and AIDS, maternal and child health, and respiratory diseases; nursing home and home healthcare <i>2004 National Healthcare Quality Report</i>	Study: EB Learning Material 3 .PDFs, 2004 National Healthcare Quality Report, disability Status: 2000, Glossary of Census Terms
26	Study Unit – Urban and Rural	A discussion on the demographics and the quality and availability of public services in communities in rural and urban areas in America <i>Migration and Geographic Mobility in Metropolitan and Nonmetropolitan America: 1995 to 2000</i> <i>Emergency and Transitional Shelter Population: 2000</i>	Study: EB Learning Material .PDF, Glossary of Census Terms
27	Study Unit - Education	The status and changes in education during the 1990s; the use of the English language in America today <i>Educational Attainment: 2000</i> <i>School Enrollment: 2000</i> <i>Language Use and English-Speaking Ability: 2000</i>	Study: EB Learning Material .PDF, Glossary of Census Terms

	Lesson Title	Lesson Content	Essays & Media
28	Study Unit - Future Sociological Trends	Publications from the U.S. Census Bureau and U.S. Department of Labor in regard to the quality and number of jobs that will be available in the future; the increase in population and availability of goods and services <i>Demographic Trends in the 20th Century</i> <i>Tomorrow's Jobs</i> (U.S. Department of Labor)	Study: EB Learning Material 2 .PDFs, Demographic Trends in the 20 th Century, Tomorrow's Jobs Essay: Web Link to The United States in International Context: 2000

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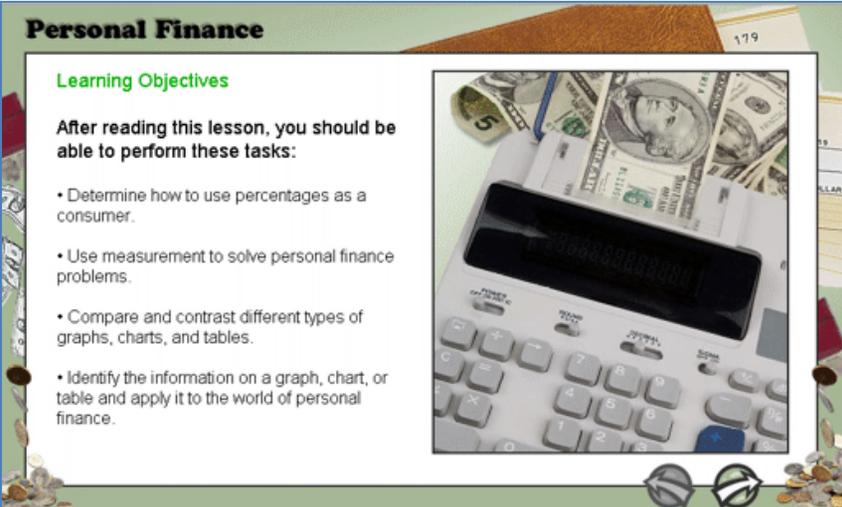
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Personal Finance Grade Levels 9–12

A+LS™ Personal Finance introduces students to a variety of topics including:

- economics regarding a personal, family, community, and global scale
- planning for secure financial futures
- time management
- earnings and benefits
- taxes
- retirement planning
- all types of insurance
- how to develop a budget
- banking
- using and balancing a checking account
- types of savings accounts
- credit card usage and credit reports
- financing a house
- ecological economics
- buying and maintaining a car
- reading and interpreting graphs and charts for financial purposes
- stocks and bonds
- comparison shopping



Personal Finance

Learning Objectives

After reading this lesson, you should be able to perform these tasks:

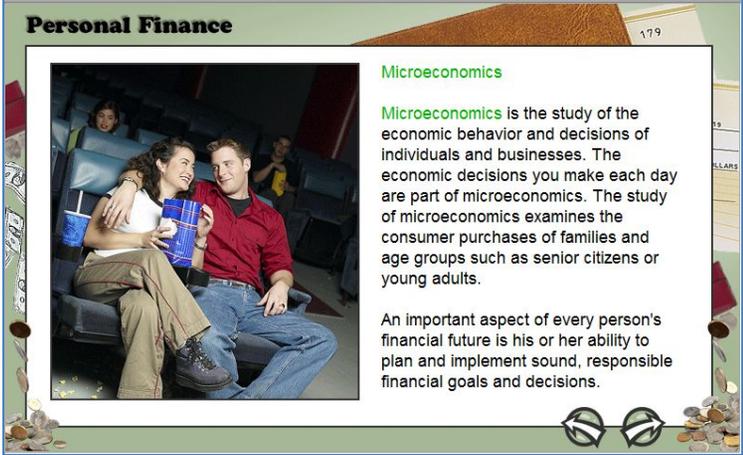
- Determine how to use percentages as a consumer.
- Use measurement to solve personal finance problems.
- Compare and contrast different types of graphs, charts, and tables.
- Identify the information on a graph, chart, or table and apply it to the world of personal finance.

Course Description

An important aspect of every student's future is the ability to plan and implement sound and responsible financial goals. The A+LS Personal Finance course will educate students in a variety of financial and monetary subjects, including the foundations of economics, preparing a budget, understanding paychecks and tax deductions, banking, and the importance of researching the quality of goods to make consumer choices. Lessons of similar topics have been grouped into units to provide smooth transitions from one lesson to the next.

Course Features

- Personal Finance is presented as a semester-long high school elective course.
- All twenty-eight lessons contain a study guide, a practice and mastery test, and an essay.
- Personal Finance lessons are enriched by *Encyclopædia Britannica[®] Online School Edition* workspaces that contain learning materials. Learning materials may contain articles, images, maps, and/or videos.
- Lessons include a variety of essay types such as descriptive, narrative, persuasive, compare and contrast, and letter writing. Directions for essays and rubrics for grading are provided for each of the writing assignments. Students will also complete a self-evaluation form to assess their performance.



Personal Finance

Microeconomics

Microeconomics is the study of the economic behavior and decisions of individuals and businesses. The economic decisions you make each day are part of microeconomics. The study of microeconomics examines the consumer purchases of families and age groups such as senior citizens or young adults.

An important aspect of every person's financial future is his or her ability to plan and implement sound, responsible financial goals and decisions.



Course Objectives

- The content in this course addresses objectives outlined by the Jump\$tart Coalition[®] for Personal Finance Literacy.
- The Personal Finance course is designed to focus on a diverse range of financial topics. Students will be able to apply the course material to real-world situations that modern students may experience not only during high school, but in the years to come.
- Students are guided through the process of taking ownership of their fiscal responsibilities. This includes topics such as creating a budget, the importance of taxes, avoiding impulsive and hasty purchasing decisions, and planning both short-term and long-term financial goals.

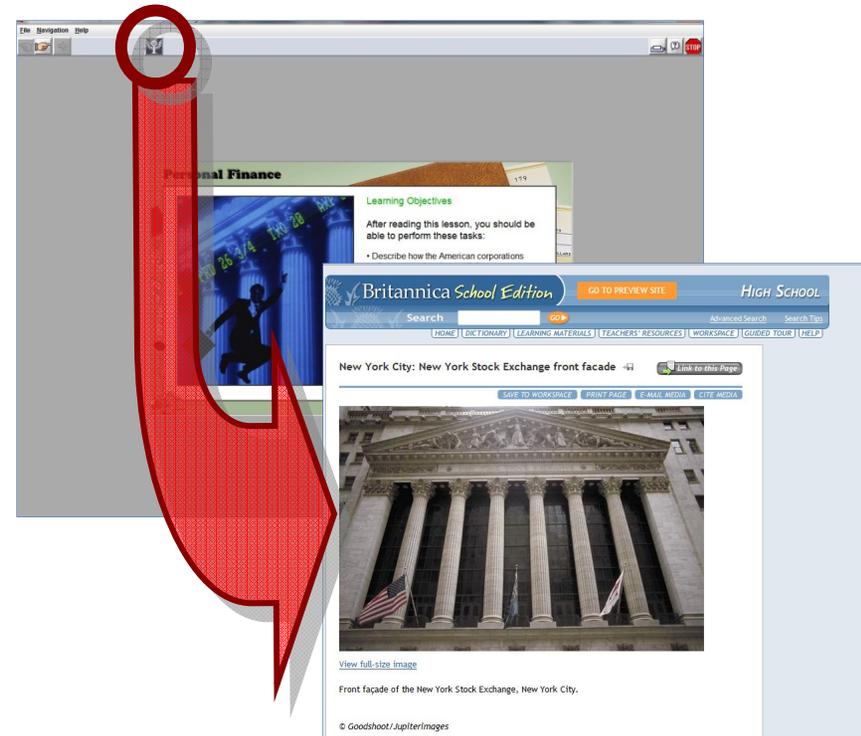


Third-Party Content in A+LS Lessons



This course contains links to the *Encyclopædia Britannica Online School Edition* (EB). EB links provide teacher resources and student learning materials. The materials include a wide range of interactive lessons, research projects, animations, and worksheets that support many A+LS lessons.

- Each workspace may contain an article, diagram, study guide, video, or interactive media.
- The launch icon for EB objects is located at the top of the A+LS screen in the study guide section.



 Lesson Content

Course Name	Number of Lessons	Length of Course in Semesters	Grade Levels	EB	Essays
Personal Finance	28	1	9-12	Yes	Yes

Key Terms

Key terms, as listed in the following table, indicate new concepts that are introduced in each lesson. These concepts are listed as key terms in the course's glossary. When a lesson has no key terms listed, it typically means that the student will be working with concepts already introduced.

	Lesson Name	Lesson Content	Activities
	All Lessons	<ul style="list-style-type: none"> • Media common to all lessons in this subject. 	Essay: 2 .PDFs, Directions & Self-Evaluation Matrix
Unit 1: Introduction			
1	Introduction to Personal Finance	<ul style="list-style-type: none"> • Discuss the basic concept of supply and demand. • Define and give examples of microeconomics and macroeconomics. • Determine the difference between Gross National Product and Gross Domestic Product. • Describe the differences between wants and needs. <p>Key Terms: personal finance, economist, supply, demand, macroeconomics, microeconomics, good, service, Gross National Product (GNP), Gross Domestic Product (GDP), Gross State Product (GSP), Gross World Product (GWP), need, want</p>	Study: EB Learning Material Essay: Persuasive
2	Basics of Economics	<ul style="list-style-type: none"> • Summarize the relationship between the government and consumers. • Define these economic terms: consumer, producer, good, service, want, and need. • Discuss the circular flow of the American economic system. • Describe similarities between economics and personal finance. <p>Key Terms: consumer, producer, comparison shopping, economics, need, want, consumer good, consumer service, scarcity, circular flow, mixed-market economic system, market economic system, market, marketplace, market price, supply, demand, macroeconomics, microeconomics</p>	Study: EB Learning Material Essay: Persuasive
3	Family Economics	<ul style="list-style-type: none"> • Explain why a healthy lifestyle can be beneficial to a strong financial future. • Discuss the costs associated with raising a family. • Explain the reasons why maintaining good physical health can affect the cost of health insurance for your family. • Describe the various types of life insurance policies. <p>Key Terms: income effect, substitution effect, substitute goods, complementary goods, term insurance, whole life, variable life, universal life</p>	Essay: Expository

	Lesson Name	Lesson Content	Activities
4	Global Economics	<ul style="list-style-type: none"> • Discuss the manner in which natural resources and population affect the production of goods. • Explain the importance of imported and exported goods. • Discuss the system of international trade and tariffs. • Relate the ways trade deficits affect workers and their incomes. <p>Key Terms: import, export, comparative advantage principle, durable goods, nondurable goods, demand schedule, supply schedule, interdependent economic system, international trade, domestic trade, tariff, non-tariff barrier, import quota, World Trade Organization (WTO), North American Free Trade Agreement (NAFTA), International Monetary Fund (IMF), World Bank, deficit, surplus</p>	<p>Study: EB Learning Material Essay: Persuasive</p>
Unit 2: Time and Financial Planning			
5	Financing Your Future	<ul style="list-style-type: none"> • Discuss the importance of developing social skills and a personal and professional network of peers. • Explain the value of specialty schools, business schools, and universities as secondary education options. • Analyze the variety of educational funding opportunities available for secondary education. <p>Key Term: first generation</p>	Essay: Descriptive
6	Time Management	<ul style="list-style-type: none"> • Identify your short- and long-term goals. • Examine how time is spent in your life. • Create a time management plan. • Discuss aspects of finance and technology in relation to time management. <p>Key Terms: short-term goal, long-term goal, discipline, results, independence, values, energy</p>	Essay: Expository

	Lesson Name	Lesson Content	Activities
7	Salary and Benefits	<ul style="list-style-type: none"> • Use a formula to calculate wages and hours worked. • Describe the different types of benefits available to an employee. • Discuss the elements of straight time pay. • Analyze the value of an employee compensation package. <p>Key Terms: wages, formula, straight time pay, hourly pay, formula A, formula B, formula C, formula D, elective, defined benefit plans, defined contribution plan</p>	<p>Study: EB Learning Material Essay: Paragraph Writing</p>
8	Salary and Payroll Deductions	<ul style="list-style-type: none"> • Identify the basic information included on a paycheck including gross pay and net pay. • Discuss the concept of real and nominal wages. • Summarize the types of withholdings on a paycheck. • Explain the payroll procedures for salaried employees, hourly employees, piece-work employees, and commission employees. <p>Key Terms: earned income, unearned income, salary, annual salary, gross pay, net pay, withholdings, real wages, nominal wages, money wages, inflation, salaried employees, overtime, time and a half, double time, piece-work employees, contract labor, commission employees, percent</p>	<p>Study: EB Learning Material Essay: Persuasive</p>
9	Insurance	<ul style="list-style-type: none"> • Describe the various types of life insurance and annuities. • Discuss the variables that influence the price of insurance policies. • Explain the elements of health insurance. • Define short- and long-term disability insurance. • Describe the purpose of long-term care insurance. <p>Key Terms: estate, premium, beneficiary, primary beneficiary, secondary beneficiary, term insurance, renewable term life insurance, decreasing term insurance, cash value insurance, whole life policy, limited payment life insurance, Universal Life Insurance, Accidental Death and Dismemberment, double indemnity, annuity, fixed annuity, indexed annuity, variable annuity, Traditional fee-for-service health insurance plans, Health Maintenance Organizations (HMOs), Preferred Provider Organizations (PPOs), short-term disability, long-term disability</p>	<p>Study: EB Learning Material Essay: Descriptive Insurance Worksheet</p>

	Lesson Name	Lesson Content	Activities
10	Taxes	<ul style="list-style-type: none"> • Explain the elements of filling out a federal income tax form. • Summarize the importance of taxes to society. • Recognize the government forms needed for employment and tax information. • Assess and evaluate payroll exemptions and deductions. <p>Key Terms: direct tax, indirect tax, salary, annual salary, gross pay, net pay, withholding, taxable income, earned income, unearned income, gross income, net income, pay-as-you-earn tax, extension, exemption, individual personal exemption, dependent, deduction, allowance</p>	<p>Study: EB Learning Material 5 .PDF Forms (blank and filled in), W-4, W-2, 1040EZ, Tax Table</p> <p>Essay: Descriptive</p>
11	Federal, State, and Local Taxes	<ul style="list-style-type: none"> • Describe how governments at the federal, state, and local levels use taxes to provide services to citizens. • Summarize Social Security (FICA) and Medicare withholdings on a paycheck. • Discuss different types of taxes including progressive and regressive, sales, property, gift, corporate, excise, inheritance, hotel, utility, and state and local income taxes. <p>Key Terms: withholding, regressive tax, progressive tax, grant, shared tax, tax rate, tax base, sales tax, general sales tax, excise tax, property tax, assessment, assessor, mill, corporate income tax, estate tax, inheritance tax, gift tax, utility tax</p>	<p>Study: EB Learning Material</p> <p>Essay: Letter Writing</p>
12	Retirement Planning	<ul style="list-style-type: none"> • Make retirement financial planning decisions. • Discuss the relationship between education and earning potential. • Explain the elements and purpose of the Social Security Administration. • Describe the financial impact of investments on long-term retirement planning. <p>Key Terms: estate, median salary, starting pay, Social Security number, Individual Retirement Accounts (IRAs), Traditional IRA, Roth IRA, Roth 401(k) plan, annuity, fixed annuity, indexed annuity, variable annuity, will, last will and testament, executor, testator</p>	<p>Study: EB Learning Material</p> <p>Essay: Paragraph Writing</p>

Lesson Name	Lesson Content	Activities
Unit 3: Banking, Saving, and Credit		
13	<p style="text-align: center;">Developing a Budget</p> <ul style="list-style-type: none"> • Discuss the basic objectives and steps involved in preparing a budget. • Define net pay, gross pay, discretionary income, standard of living, fixed income, variable income, budget, wants and needs, and income budget. • Identify the categories of a typical personal or family budget. • Determine the percent of a budget for each category in your plan. <p>Key Terms: budget, bankruptcy, total consumption budget, short-term goal, long-term goal, standard of living, expenses, needs, wants, fixed expense, variable expense, gross pay, net pay, discretionary income, miscellaneous</p>	<p>Study: EB Learning Material Essay: Paragraph Writing</p>
14	<p style="text-align: center;">Banking</p> <ul style="list-style-type: none"> • Describe the banking process. • Discuss how to write a check. • Balance a checkbook. • Calculate simple interest. • Explain the ways in which you can protect your bank account. <p>Key Terms: Federal Deposit Insurance Corporation (FDIC), checking account, ATM, debit card, credit card, electronic fund transfers (EFTs), check register, statement, cleared item, outstanding, ending balance, principal (P), rate (R), time (T), discount loan, installment loan</p>	<p>Study: EB Learning Material Essay: Persuasive</p>
15	<p style="text-align: center;">Savings</p> <ul style="list-style-type: none"> • Define various portions of numismatics, including bartering, swapping, and the minting of coins. • Discuss the importance of saving money. • Explain the ways in which money earns interest. • Calculate simple and compound interest. • Explain the difference between monetary and fiscal policy. <p>Key Terms: numismatics, bartering, swapping, swaplifting, money market accounts, certificate of deposit (CD), maturity, simple interest, principal, compound interest, compounding, monetary policy, money supply, inflation, deflation, treasury bond, discount rate, reserve requirement, interest rate, fiscal policy, revenue, aggregate demand, private sector, disposable income</p>	<p>Study: EB Learning Material Essay: Expository</p>

	Lesson Name	Lesson Content	Activities
16	Credit Cards	<ul style="list-style-type: none"> • Describe the importance of establishing good credit. • Discuss the interest rates charged on the use of credit cards. • Understand the elements and significance of a credit score. • Explain how good credit can save you money as a consumer. <p>Key Terms: credit score, high credit score, low credit score, annual fees, annual percentage rate (APR), bankruptcy, budgeting, credit, credit card, credit counseling, credit report, credit scoring, customer service, debit card, grace period, identity theft, credit limit, statement, finance charge, average daily balance</p>	<p>Study: EB Learning Material Essay: Paragraph Writing</p>
17	Consumer Credit	<ul style="list-style-type: none"> • Explain the loan process, including debt and collateral. • Discuss why defaulting on loans can affect your long-term finances. • Calculate interest rates. • Determine the difference between discount loans and installment loans. <p>Key Terms: bridge loan, collateral, construction loan, credit, credit bureau, credit history, credit life insurance, credit report, credit score, creditor, creditworthy, debt, debt-to-income ratio, default, delinquency, Equal Credit Opportunity Act (ECOA), Fair Credit Reporting Act (FCRA), foreclosure, forfeiture, home equity line of credit (HELOC), hybrid loan, installment, installment debt, late charge, loan-to-value (LTV) ratio, negative amortization, net worth, personal property, principal, promissory note, remaining term, revolving debt, securities, secured loan, security, soft second loan, unsecured loan, debtor, assets, bankruptcy, loan, fixed interest rate, variable interest rate, interest rate, debt record, loan proceeds, student loans, installment loan, annual percentage rate (APR)</p>	<p>Study: EB Learning Material Essay: Expository</p>

Lesson Name	Lesson Content	Activities
Unit 4: Housing Expenses		
18	<p style="text-align: center;">Housing</p> <ul style="list-style-type: none"> • Describe the process of buying or renting a housing property and securing a housing loan. • Identify the different types of mortgages and legal issues associated with mortgages. • Discuss elements of property ownership, such as property taxes and insurance. • Explain how to calculate down payments and monthly mortgage payments on home loans. <p>Key Terms: lease, landlord, tenant, earnest money, mortgage note, principal, interest, term, amortization, amortization schedule, equity, appraisal, appraiser, mortgage, adjustable rate mortgage (ARM), cap, assumable mortgage, balloon mortgage, fixed-rate mortgage, default, foreclosure, escrow, mill</p>	<p>Study: EB Learning Material 2 .PDFs, Finding the Right Property, Predatory Lending</p> <p>Essay: Expository</p>
19	<p style="text-align: center;">Going Green Economics</p> <ul style="list-style-type: none"> • Explain global warming and its contributing factors. • Evaluate everyday tasks to determine ways in which you can reduce energy usage. • Discuss the role government plays in energy conservation. <p>Key Terms: "going green", global warming, Framework Convention on Climate Change, wants, scarcity, resource, factors of production, natural resource, subsidies, carbon footprint</p>	<p>Study: EB Learning Material</p> <p>Essay: Letter Writing</p>
20	<p style="text-align: center;">Utilities</p> <ul style="list-style-type: none"> • Describe the different types of utilities and how they are measured. • Explain ways in which you can reduce utility costs. • Describe the importance of reading billing statements carefully and making payments on time. <p>Key Terms: deposit, service initiation fee, kilowatt hours (kWh), hundred cubic feet (Ccf), land line</p>	<p>Study: EB Learning Material</p> <p>Essay: Paragraph Writing</p>

Lesson Name	Lesson Content	Activities
Unit 5: Transportation and Travel		
21	<p>Purchasing a Car</p> <ul style="list-style-type: none"> • Describe the process involved in purchasing a new or used car. • Determine and compare the costs and benefits to purchasing or leasing a new car. • Explain how the Monroney sticker, Buyer's Guide, and Kelley Blue Book can assist buyers in making decisions. • Calculate simple interest on an auto loan. <p>Key Terms: option, Monroney sticker, MSRP, Federal Trade Commission (FTC), Buyer's Guide, warranty, "fully loaded", rebate, negotiate, Kelley Blue Book, on-site financing, annual percentage rate (APR), simple interest formula, depreciation, lease, residual value, term, closed-ended lease, open-ended lease</p>	<p>Essay: Paragraph Writing</p>
22	<p>Car Insurance and Maintenance</p> <ul style="list-style-type: none"> • Discuss the various types of car insurance. • Analyze the need for different types of car insurance. • Describe how rating factors and deductibles affect insurance premiums. • Explain the elements of proper vehicle maintenance. <p>Key Terms: bodily injury liability insurance, collision insurance, comprehensive insurance coverage, liability insurance, medical payments coverage, personal injury protection (PIP), property damage liability insurance, uninsured motorist coverage, premium, deductible, variable expenses, fixed expenses, tread</p>	<p>Study: EB Learning Material Essay: Paragraph Writing</p>
23	<p>Travel</p> <ul style="list-style-type: none"> • Describe the general guidelines that should be followed when making travel plans. • Explain the costs associated with various means of travel. • Describe how to prepare your vehicle for traveling long distances. • Discuss the pros and cons of using different forms of public transportation. <p>Key Terms: passport, passport agency, acceptance facility, Department of State, Transportation Security Administration (TSA), atlas, global positioning satellite, safety kit, fuel mileage, Interstate Highway System, public fund, toll, rapid transit system, subway, railway, taxicab, taxi, cab</p>	<p>Study: EB Learning Material Essay: Paragraph Writing</p>

Lesson Name	Lesson Content	Activities
Unit 6: Making Sound Consumer Choices		
24	<p>Consumer Choices</p> <ul style="list-style-type: none"> • Distinguish between wants and needs. • Discuss the effects of inflation and deflation on consumer prices. • Compare prices to ensure the best value. • Explain how the use of licensing and product warranties benefits the consumer. <p>Key Terms: good, service, need, want, fixed expense, variable expense, inflation, disposable income, deflation, warranty, implied warranty, expressed warranty, site-to-store shipping, bulk</p>	<p>Study: EB Learning Material Essay: Expository</p>
25	<p>Comparison Shopping</p> <ul style="list-style-type: none"> • Calculate discount prices. • Evaluate the advantages of sales. • Determine unit pricing of pre-packaged goods. <p>Key Terms: electronic commerce, discount, sale, seasonal merchandise, inflationary, packaged price</p>	<p>Essay: Persuasive</p>
26	<p>Personal Finance Tools</p> <ul style="list-style-type: none"> • Evaluate graphs and charts. • Calculate basic weights and measurements. • Use the standard formulas to calculate distances and area. • Use decimals to calculate pricing discounts. <p>Key Terms: supply and demand, graph, X-axis, Y-axis, line graph, Hi-Lo graph, bar graph, pie graph, International System of Units (SI), city sealer, English system, metric system, meter</p>	<p>Study: EB Learning Material Essay: Paragraph Writing</p>

Lesson Name	Lesson Content	Activities
Unit 7: Business Expertise		
27	<p>Entrepreneurship and Business Firms</p> <ul style="list-style-type: none"> • Discuss the elements of a free enterprise system. • Explain the aspects of a sole proprietorship, partnership, corporation, and entrepreneurship. • Discuss how profit is the driving force of any business organization. • Explain how business organizations use stocks and bonds to raise capital. <p>Key Terms: profit, supply, the law of supply, scarcity, market economy, market, <i>laissez-faire</i>, consumers, producers, free enterprise system, market system, sole proprietorship, partnership, contract, corporation, stockholder, stock, operating capital, common stock, dividend, board of directors, preferred stock, corporate bond, principal, interest, bond, corporate charter, business cycle, inflation, deflation, management, entrepreneur</p>	<p>Study: EB Learning Material Essay: Expository</p>
28	<p>Stocks and Bonds</p> <ul style="list-style-type: none"> • Describe how the American corporations and governments raise capital. • Discuss stocks, bonds, and mutual funds. • Describe the elements of a stock table. • Identify the various indices of the stock market. <p>Key Terms: investment, capital, shares, bond, stock, security, stockholder, publicly owned corporation, closed corporation, common stock, dividend, preferred stock, New York Stock Exchange (NYSE), brokerage firm, stockbroker, Securities and Exchange Commission (SEC), index, Dow Jones Industrial Average, Dow Jones, composite, NYSE Composite, bull market, bear market, loss, profit, principal, interest, savings bond, discount, premium,</p>	<p>Study: EB Learning Material Essay: Expository .PDF Start Investing</p>

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