

Science

Arizona State Board of Education High School Graduation Requirements for Cohort 2013 and beyond

- Three credits of science in preparation for proficiency at the high school level on the AIMS test.

Courses that may be used for the three credits of science are:

- Biology
- Earth and Space Science
- Physical Science
- Chemistry
- Physics

Curriculum Planning Document – Biology
Content Area/ Grade Level: Science/High School

Course Description: Students will understand basic to in depth biological concepts and be able to use critical thinking skills and deductive reasoning to solve application based problems which will prepare the students for a four-year college program. Biology covers a range of instructional topics including the definition of biology, atoms and elements, cell processes, comparison of DNA and RNA, identification of the kingdoms and phyla, fungal diseases, artificial reproduction, cnidaria, the worm phyla, nervous, circulatory, and respiratory systems of vertebrates, the human body support systems, digestion, skeletal support, the human spinal cord and brain, the digestive process, the importance of water in digestion and excretion, the male and female reproductive systems, gestation and childbirth, and other social issues in biology.

Biology	Education Delivery Methodologies	Evidence of Mastery	Comments
Strand 1: Inquiry Process			
Concept 1: Observations, Questions, and Hypotheses	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 2: Scientific Testing (Investigating and Modeling)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 3: Analysis, Conclusions, and Refinements	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 4: Communication	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Strand 2: History and Nature of Science			
Concept 1: History of Science as a Human Endeavor	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Nature of Scientific Knowledge	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 3: Science in Personal and Social Perspectives			
Concept 1: Changes in Environments	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Science and Technology in Society	Interactive Study Guide Practice with Feedback	Chapter exam Mastery Checkpoint	* discussion forum

Biology	Education Delivery Methodologies	Evidence of Mastery	Comments
	Explanation Videos		planned
Concept 3: Human Population Characteristics	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 4: Life Science			
Concept 1: The Cell	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Project Chapter exam Mastery Checkpoint	
Concept 2: Molecular Basis of Heredity	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Concept 3: Interdependence of Organisms	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Concept 4: Biological Evolution	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Project Chapter exam Mastery Checkpoint	
Concept 5: Matter, Energy, and Organization in Living Systems (Including Human Systems)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Presentation Chapter exam Mastery Checkpoint	
Reading Standards for Literacy in Science and Technical Subjects 6–12			
Key Ideas and Details	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Craft and Structure	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Integration of Knowledge and Ideas	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Reading and Level of Text Complexity	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 6–12			
Text Types and Purposes	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Production and Distribution of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Biology	Education Delivery Methodologies	Evidence of Mastery	Comments
Research to Build and Present Knowledge	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Curriculum Planning Document – Earth & Space Science
Content Area/ Grade Level: Science/High School

Course Description: This course provides the basic foundations of scientific measurement skills, a comprehensive look at the way the Earth and all its layers are formed, and a complete overview of the solar system and its major components. Each lesson is designed to be the foundation for the next lesson in the course so that students are provided the best reinforcement of key terminology throughout their studies. Interactive media has been included to help engage the student in the visual learning process. This course is a course designed to provide a foundation for students to develop an understanding of the earth, its history, composition, formative processes, and an understanding of the universe. Students will develop an understanding of basic laws, theories, and models to explain the world.

Earth & Space Science	Education Delivery Methodologies	Evidence of Mastery	Comments
Strand 1: Inquiry Process			
Concept 1: Observations, Questions, and Hypotheses	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 2: Scientific Testing (Investigating and Modeling)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 3: Analysis, Conclusions, and Refinements	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 4: Communication	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Strand 2: History and Nature of Science			
Concept 1: History of Science as a Human Endeavor	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Nature of Scientific Knowledge	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 3: Science in Personal and Social Perspectives			
Concept 1: Changes in Environments	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Science and	Interactive Study Guide	Chapter exam Mastery Checkpoint	* discussion forum

Earth & Space Science	Education Delivery Methodologies	Evidence of Mastery	Comments
Technology in Society	Practice with Feedback Explanation Videos		planned
Concept 3: Human Population Characteristics	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 6: Earth and Space Science			
Concept 1: Geochemical Cycles	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Project Chapter exam Mastery Checkpoint	
Concept 2: Energy in the Earth System (Both Internal and External)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Concept 3: Origin and Evolution of the Earth System	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Presentation Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 4: Origin and Evolution of the Universe	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Reading Standards for Literacy in Science and Technical Subjects 6–12			
Key Ideas and Details	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Craft and Structure	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Integration of Knowledge and Ideas	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Reading and Level of Text Complexity	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 6–12			
Text Types and Purposes	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Production and Distribution of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Research to Build and Present Knowledge	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Earth & Space Science	Education Delivery Methodologies	Evidence of Mastery	Comments
Range of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Curriculum Planning Document – Physical Science
Content Area/ Grade Level: Science/High School

Course Description: Physical Science offers several distinctive components: an in-depth examination of the biological functions of vision and sound in relation to physical laws, the impact of scientific discoveries on technology and society, and an overview of natural hazards, including the impact of humans on the environment. The Physical Science course covers the fundamentals of chemistry, matter, energy, and various scientific fields. The lessons are designed to move the student beyond the level of basic knowledge into critical thinking and learning activities.

Physical Science	Education Delivery Methodologies	Evidence of Mastery	Comments
Strand 1: Inquiry Process			
Concept 1: Observations, Questions, and Hypotheses	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 2: Scientific Testing (Investigating and Modeling)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 3: Analysis, Conclusions, and Refinements	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 4: Communication	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Strand 2: History and Nature of Science			
Concept 1: History of Science as a Human Endeavor	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Nature of Scientific Knowledge	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 3: Science in Personal and Social Perspectives			
Concept 1: Changes in Environments	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Science and Technology in Society	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 3: Human Population	Interactive Study Guide	Chapter exam	* discussion

Physical Science	Education Delivery Methodologies	Evidence of Mastery	Comments
Characteristics	Practice with Feedback Explanation Videos	Mastery Checkpoint	forum planned
Strand 5: Physical Science			
Concept 1: Structure and Properties of Matter	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Project Chapter exam Virtual Lab Mastery Checkpoint	
Concept 2: Motions and Forces	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Presentation Chapter exam Mastery Checkpoint	
Concept 3: Conservation of Energy and Increase in Disorder	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Chapter exam Mastery Checkpoint	
Concept 4: Chemical Reactions	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Chapter exam Mastery Checkpoint	
Concept 5: Interactions of Energy and Matter	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Reading Standards for Literacy in Science and Technical Subjects 6–12			
Key Ideas and Details	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Craft and Structure	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Integration of Knowledge and Ideas	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Reading and Level of Text Complexity	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 6–12			
Text Types and Purposes	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Production and Distribution of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Physical Science	Education Delivery Methodologies	Evidence of Mastery	Comments
Research to Build and Present Knowledge	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Curriculum Planning Document – Chemistry
Content Area/ Grade Level: Science/High School

Course Description: Students will learn basic chemistry concepts and develop skills relating to basic chemical calculations and mathematical principles. This course offers activities formulated to teach and engage students in problem-solving and critical-thinking skills related to chemistry learning. Each unit utilizes the scaffold approach, enabling students to achieve foundational skill sets needed to progress to the next level of understanding. Every scientific discipline has its own unique language and symbols. Understanding chemistry depends on developing knowledge of the chemical language and its symbols. The chemical language and symbols are explored, as well as laboratory procedures and equipment. Based on problem solving, this course leads to a basic understanding of chemistry. Nearly every scientific discipline known, from astronomy to zoology, uses chemistry to achieve knowledge and understanding. Also included is a review of the empirical and molecular formulas, the first law of thermodynamics, electromagnetic energy, classifying subatomic particles and forces, molecular geometry, identification of symbols used in writing chemical reactions, properties of solids, colligative properties, rate of diffusion, osmotic pressure, activation energy, the pH scale, spontaneous reactions, Le Chatelier’s Principle, buffers, heat of reaction, and entropy.

Chemistry	Education Delivery Methodologies	Evidence of Mastery	Comments
Strand 1: Inquiry Process			
Concept 1: Observations, Questions, and Hypotheses	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 2: Scientific Testing (Investigating and Modeling)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 3: Analysis, Conclusions, and Refinements	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 4: Communication	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Strand 2: History and Nature of Science			
Concept 1: History of Science as a Human Endeavor	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Nature of Scientific Knowledge	Interactive Study Guide Practice with Feedback	Chapter exam Mastery Checkpoint	* discussion forum

Chemistry	Education Delivery Methodologies	Evidence of Mastery	Comments
	Explanation Videos		planned
Strand 3: Science in Personal and Social Perspectives			
Concept 1: Changes in Environments	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Science and Technology in Society	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 3: Human Population Characteristics	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 5: Physical Science			
Concept 1: Structure and Properties of Matter	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Concept 3: Conservation of Energy and Increase in Disorder	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Concept 4: Chemical Reactions	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Labs Chapter exam Mastery Checkpoint	
Concept 5: Interactions of Energy and Matter	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Labs Presentation Chapter exam Mastery Checkpoint	
Reading Standards for Literacy in Science and Technical Subjects 6–12			
Key Ideas and Details	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Craft and Structure	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Integration of Knowledge and Ideas	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Reading and Level of Text Complexity	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 6–12			
Text Types and Purposes	Interactive Study Guide	Teacher Observation	Continuous

Chemistry	Education Delivery Methodologies	Evidence of Mastery	Comments
	Scientific Documents	Chapter exam Mastery Checkpoint	throughout course
Production and Distribution of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Research to Build and Present Knowledge	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Curriculum Planning Document – Physics
Content Area/ Grade Level: Science/High School

Course Description: Physics is an advanced level science course that includes the introduction to physics concepts, mathematics as the language of physics, scalar and vector quantities, acceleration, Newton’s first law of motion, vectors, universal gravitation, mechanical advantage, thermal energy, types of waves, definition of sound, Snell’s Law, atoms, magnets, the unit of charge, Ohm’s Law, resistance, combined electrical circuits, how electricity is generated, and a brief review of astronomy. Physics increases student understanding of the characteristics of objects and materials they encounter daily. Students will gain an understanding of the nature of matter and energy, including their forms, the changes they undergo, and their interactions. Students will develop an understanding of the fundamental laws of motion, knowledge of the various ways energy is stored in a system, and the processes by which energy is transferred between systems and surroundings.

Physics	Education Delivery Methodologies	Evidence of Mastery	Comments
Strand 1: Inquiry Process			
Concept 1: Observations, Questions, and Hypotheses	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 2: Scientific Testing (Investigating and Modeling)	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 3: Analysis, Conclusions, and Refinements	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Concept 4: Communication	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	Continuous throughout course
Strand 2: History and Nature of Science			
Concept 1: History of Science as a Human Endeavor	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 2: Nature of Scientific Knowledge	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 3: Science in Personal and Social Perspectives			
Concept 1: Changes in Environments	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned

SACA AOI

Physics	Education Delivery Methodologies	Evidence of Mastery	Comments
Concept 2: Science and Technology in Society	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Concept 3: Human Population Characteristics	Interactive Study Guide Practice with Feedback Explanation Videos	Chapter exam Mastery Checkpoint	* discussion forum planned
Strand 5: Physical Science			
Concept 1: Structure and Properties of Matter	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Chapter exam Mastery Checkpoint	
Concept 2: Motions and Forces	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Chapter exam Mastery Checkpoint	
Concept 3: Conservation of Energy and Increase in Disorder	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Chapter exam Mastery Checkpoint	
Concept 4: Chemical Reactions	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Chapter exam Mastery Checkpoint	
Concept 5: Interactions of Energy and Matter	Interactive Study Guide Practice with Feedback Explanation Videos	Laboratory Experiment Virtual Lab Chapter exam Mastery Checkpoint	
Reading Standards for Literacy in Science and Technical Subjects 6–12			
Key Ideas and Details	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Craft and Structure	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Integration of Knowledge and Ideas	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Reading and Level of Text Complexity	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 6–12			
Text Types and Purposes	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course

Physics	Education Delivery Methodologies	Evidence of Mastery	Comments
Production and Distribution of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Research to Build and Present Knowledge	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course
Range of Writing	Interactive Study Guide Scientific Documents	Teacher Observation Chapter exam Mastery Checkpoint	Continuous throughout course