
Earth and Space Science

Curriculum Guide

Scranton School District

Scranton, PA



Scranton School District
Curriculum Guide

Earth and Space Science

Prerequisite:

- Successful completion of General Science and Biology I.

The tenth, eleventh or twelfth grade elective Earth and Space Science course is designed to provide students with an understanding of the matter, the energy, and the processes involved in the origin, formation, location, structures, and functions of the Earth's major spheres. General topics of study include the Earth as a system, models of the Earth, Earth chemistry, rocks and minerals, resources and energy, geological processes, weather, climate, the solar system, and the universe. Earth and Space Science is a full year course.

**Scranton School District
Curriculum Guide**

Year-at-a-glance

Subject: Earth and Space Science	Grade Level: 10th, 11th, 12th	Date Completed: 05/19/2015
---	---	-----------------------------------

1st Quarter

Topic	Resources	Standards
Introduction to Earth Science	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.A8, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
The Earth System: Energy, Structure, and Composition	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.A8, 3.3.10.A3, 3.3.10.A1, 3.3.10.A4, 3.3.10.A7, 3.3.12.A7, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Earth Chemistry	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.A7, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Rocks, Minerals, and the Rock Cycle	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.A1, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.

**Scranton School District
Curriculum Guide**

2nd Quarter

Topic	Resources	Standards
Energy and Resources	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.A2, 3.4.12.E3, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Geologic History of the Earth	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.A3, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Plate Tectonics	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.A1, 3.3.10.A7, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Geologic Processes that Shape the Earth	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.A7, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.

Scranton School District
Curriculum Guide

3rd Quarter

Topic	Resources	Standards
Earthquakes and Volcanoes	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.A7., CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
The Earth's Atmosphere	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.A1, 3.3.10.A3, 3.3.12.A6, 3.2.10.B5, CC.3.4.11-12.A., CC.3.5.11- 12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Water in Earth's Atmosphere	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.2.10.A1, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Weather and Climate	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.A6, 3.3.12.A1, 3.4.10.A2, 3.3.12.A7, 3.3.12.A6, 3.4.12.B2, 3.3.12.A7, 3.3.10.A7, CC.3.4.11-12.A., CC.3.5.11- 12.A.-J., CC.3.6.11-12.A. CC.2.2.HS.C.2., CC.2.4.HS.B.1.

**Scranton School District
Curriculum Guide**

4th Quarter

Topic	Resources	Standards
The Study of Astronomy	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.B2, 3.4.12.A3, 3.4.10.B4, CC.3.4.11-12.A., CC.3.5.11- 12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Planets and Minor Bodies of the Solar System	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.10.B1, 3.3.10.B2, CC.3.4.11- 12.A., CC.3.5.11-12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
The Sun and Stars	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.3.12.B1, CC.3.4.11-12.A., CC.3.5.11-12.A.-J., CC.3.6.11- 12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
The Universe	Approved textbook PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Teacher Prepared Materials	3.4.10.A2, 3.3.12.B1, CC.3.4.11- 12.A., CC.3.5.11-12.A.-J., CC.3.6.11-12.A., CC.2.2.HS.C.2., CC.2.4.HS.B.1.
Final Exam Review		

**Scranton School District
Curriculum Guide**

General Topic	Academic Standard(s)	Essential Knowledge, Skills & Vocabulary	Resources & Activities	Assessments	Suggested Time
Introduction to Sciences and the Scientific Method	3.3.12.A8	<p>Examine the status of existing theories.</p> <p>Evaluate experimental information for relevance and adherence to science processes.</p> <p>Judge that conclusions are consistent and logical with experimental conditions.</p> <p>Interpret results of experimental research to predict new information, propose additional investigable questions, or advance a solution.</p> <p>Communicate and defend a scientific argument.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	6 days

**Scranton School District
Curriculum Guide**

<p>Earth's Structure and Composition</p>	<p>3.3.10.A8</p>	<p>Compare and contrast scientific theories.</p> <p>Know that both direct and indirect observations are used by scientists to study the natural world and universe.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>10 days</p>
	<p>3.3.10.A3</p>	<p>Explain how the evolution of Earth has been driven by interactions between the lithosphere, hydrosphere, atmosphere, and biosphere.</p>	<p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>		

**Scranton School District
Curriculum Guide**

Energy in the Earth System	3.3.10.A3	Explain how the evolution of Earth has been driven by interactions between the lithosphere, hydrosphere, atmosphere, and biosphere.	Approved Textbook	Teacher prepared tests, quizzes, etc. Series available assessments online. (Optional)	2 days
	3.3.10.A1	Relate geochemical cycles to the conservation of matter.	Chapter Resource Guides		
	3.3.10.A4	Explain how the Earth is composed of a number of dynamic, interacting systems exchanging energy or matter.	Calculators		
		Explain how the Earth's systems and its various cycles are driven by energy.	PowerPoint/Other Multimedia Presentations		
			Directed Reading Worksheets/ Study Guides		
			Research Databases		
			Web pages		
			Teacher Prepared Materials		
			Cooperative Learning Projects		
			Mini Labs/Quick Labs		

Scranton School District
Curriculum Guide

Models of the Earth	3.3.10.A7	Interpret and create models of the Earth’s physical features in various mapping representations.	Approved Textbook	Teacher prepared tests, quizzes, etc. Series available assessments online. (Optional)	6 days
	3.3.10.A8	Know that both direct and indirect observations are used by scientists to study the natural world and universe.	Chapter Resource Guides		
	3.3.12.A7	Formulate and revise explanations and models using logic and evidence. Recognize and analyze alternative explanations and models. Interpret and analyze a combination of ground-based observations, satellite data, and computer models to demonstrate Earth systems and their interconnections.	Calculators PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Research Databases Web pages Teacher Prepared Materials Cooperative Learning Projects Mini Labs/Quick Labs		
Earth Chemistry	3.3.10.A7	Relate constancy and change to geochemical cycles.	Approved Textbook Chapter Resource Guides	Teacher prepared tests, quizzes, etc.	6 days

**Scranton School District
Curriculum Guide**

<p>Rocks and Minerals</p>	<p>3.3.10.A1</p>	<p>Describe the processes that are responsible for the formation of igneous, sedimentary, and metamorphic rocks.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>5 days</p>
----------------------------------	-------------------------	---	--	---	----------------------

**Scranton School District
Curriculum Guide**

<p>The Rock Cycle</p>	<p>3.3.10.A1</p>	<p>Describe the rock cycle and the processes that are responsible for the formation of igneous, sedimentary, and metamorphic rocks.</p> <p>Relate geochemical cycles to the conservation of matter.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>5 days</p>
------------------------------	-------------------------	---	--	---	----------------------

**Scranton School District
Curriculum Guide**

Resources and Energy	3.3.12.A2	Analyze the availability, location, and extraction of Earth's resources.	Approved Textbook	Teacher prepared tests, quizzes, etc.	13 days
		Evaluate the impact of using renewable and nonrenewable energy resources on the Earth's system.	Chapter Resource Guides		
	3.4.12.E3	Compare and contrast energy and power systems as they relate to pollution, renewable and non-renewable resources, and conservation.	Calculators	Series available assessments online. (Optional)	
			PowerPoint/Other Multimedia Presentations		
			Directed Reading Worksheets/ Study Guides		
			Research Databases		
			Web pages		
			Teacher Prepared Materials		
			Cooperative Learning Projects		
			Mini Labs/Quick Labs		

**Scranton School District
Curriculum Guide**

<p>Geologic History: Absolute and Relative Age</p>	<p>3.3.12.A3</p>	<p>Describe the absolute and relative dating methods used to measure geologic time, such as index fossils, radioactive dating, law of superposition, and crosscutting relationships.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>7 days</p>
---	-------------------------	---	--	---	----------------------

**Scranton School District
Curriculum Guide**

<p>Continental Drift and the Theory of Plate Tectonics</p>	<p>3.3.10.A1</p>	<p>Relate plate tectonics to both slow and rapid changes in the earth’s surface.</p>	<p>Approved Textbook</p>	<p>Teacher prepared tests, quizzes, etc.</p>	<p>25 days</p>
	<p>3.3.10.A7</p>	<p>Interpret and create models of the Earth’s physical features in various mapping representations</p> <p>Apply an appropriate scale to illustrate major events throughout geologic time.</p>	<p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Series available assessments online. (Optional)</p>	

**Scranton School District
Curriculum Guide**

<p>Earthquakes and Volcanoes</p>	<p>3.3.12.A7</p>	<p>Interpret and analyze a combination of ground-based observations, satellite data, and computer models to demonstrate Earth systems and their interconnections.</p> <p>Summarize the use of data in understanding seismic events.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>20 days</p>
---	-------------------------	---	--	---	-----------------------

**Scranton School District
Curriculum Guide**

Atmospheric Composition and Characteristics	3.3.12.A1	Explain how parts are related to other parts in weather systems, solar systems, and earth systems, including how the output from one part can become an input to another part.	Approved Textbook Chapter Resource Guides Calculators PowerPoint/Other Multimedia Presentations	Teacher prepared tests, quizzes, etc. Series available assessments online. (Optional)	4 days
	3.3.10.A3	Explain how the evolution of Earth has been driven by interactions between the lithosphere, hydrosphere, atmosphere, and biosphere.	Directed Reading Worksheets/ Study Guides Research Databases Web pages Teacher Prepared Materials Cooperative Learning Projects Mini Labs/Quick Labs		

**Scranton School District
Curriculum Guide**

Solar Energy and Atmospheric Circulation	3.3.12.A6	<p>Explain how the unequal heating of the Earth’s surface leads to atmospheric global circulation changes, climate, local short term changes, and weather.</p> <p>Relate the transfer of energy through radiation, conduction, and convection to global atmospheric processes.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	3 days
	3.2.10.B5	<p>Understand that waves transfer energy without transferring matter.</p> <p>Describe the components of the electromagnetic spectrum.</p>	<p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>		
	3.3.12.A1	<p>Analyze the processes that cause the movement of material in the Earth’s systems.</p>			

**Scranton School District
Curriculum Guide**

<p>Weather Forecasting</p>	<p>3.3.10.A6</p>	<p>Interpret meteorological data to describe and/or predict weather.</p> <p>Explain the phenomena that cause global atmospheric processes such as storms, currents, and wind patterns.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>4 days</p>
-----------------------------------	-------------------------	--	--	---	----------------------

**Scranton School District
Curriculum Guide**

Factors that Affect Climate	3.3.10.A6	Explain the phenomena that cause global atmospheric processes such as storms, currents, and wind patterns.	Approved Textbook	Teacher prepared tests, quizzes, etc. Series available assessments online. (Optional)	3 days
	3.3.12.A1	Explain how parts are related to other parts in weather systems, solar systems, and earth systems, including how the output from one part can become an input to another part.	Chapter Resource Guides Calculators PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Research Databases Web pages		
	3.4.10.A2	Analyze the processes that cause the movement of material in the Earth's systems. Interpret how systems thinking applies logic and creativity with appropriate comprises in complex real-life problems.	Teacher Prepared Materials Cooperative Learning Projects Mini Labs/Quick Labs		

**Scranton School District
Curriculum Guide**

Climate Zones	3.3.12.A7	Interpret and analyze a combination of ground-based observations, satellite data, and computer models to demonstrate Earth systems and their interconnections.	Approved Textbook Chapter Resource Guides Calculators PowerPoint/Other Multimedia Presentations	Teacher prepared tests, quizzes, etc. Series available assessments online. (Optional)	2 days
	3.3.12.A6	Explain how the unequal heating of the Earth's surface leads to atmospheric global circulation changes, climate, local short term changes, and weather.	Directed Reading Worksheets/ Study Guides Research Databases Web pages Teacher Prepared Materials		
	3.4.12.B2	Illustrate how, with the aid of technology, various aspects of the environment can be monitored to provide information for decision making.	Cooperative Learning Projects Mini Labs/Quick Labs		

**Scranton School District
Curriculum Guide**

Climate Change	3.3.10.A7	Describe factors that contribute to global climate change.	Approved Textbook	Teacher prepared tests, quizzes, etc.	3 days
	3.3.12.A7	Interpret and analyze a combination of ground-based observations, satellite data, and computer models to demonstrate Earth systems and their interconnections. Infer how human activities may impact the natural course of Earth's cycles. Summarize the use of data in understanding seismic events, meteorology, and geologic time.	Chapter Resource Guides Calculators PowerPoint/Other Multimedia Presentations Directed Reading Worksheets/ Study Guides Research Databases Web pages Teacher Prepared Materials Cooperative Learning Projects Mini Labs/Quick Labs	Series available assessments online. (Optional)	

**Scranton School District
Curriculum Guide**

Studying Space	3.3.10.B2	Explain how scientists obtain information about the universe by using technology to detect electromagnetic radiation that is emitted, reflected, or absorbed by stars and other objects.	Approved Textbook	Teacher prepared tests, quizzes, etc. Series available assessments online. (Optional)	6 days
		Describe changes in the universe over billions of years.	Chapter Resource Guides		
	3.4.12.A3	Explain the scale used to measure the sizes of stars and galaxies and the distances between them.	Calculators		
		Demonstrate how technological progress promotes the advancement of science, technology, engineering and mathematics (STEM).	PowerPoint/Other Multimedia Presentations		
	3.4.10.B4	Recognize that technological development has been evolutionary, the result of a series of refinements to a basic invention.	Directed Reading Worksheets/ Study Guides		
			Research Databases		
			Web pages		
			Teacher Prepared Materials		
			Cooperative Learning Projects		
			Mini Labs/Quick Labs		

**Scranton School District
Curriculum Guide**

Planets and Minor Bodies of the Solar System	3.3.10.B1	<p>Explain how gravity is responsible for planetary orbits.</p> <p>Explain what caused the sun, Earth, and most of the other planets to form between 4 and 5 billion years ago.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	10 days
	3.3.10.B2	<p>Explain how scientists obtain information about the universe by using technology to detect electromagnetic radiation that is emitted, reflected, or absorbed by stars and other objects.</p> <p>Describe changes in the universe over billions of years.</p>			

**Scranton School District
Curriculum Guide**

<p>The Sun</p>	<p>3.3.12.B1</p>	<p>Describe the life cycle of stars based on their mass.</p> <p>Analyze the influence of gravity on the formation and life cycles of galaxies, including our own Milky Way galaxy; stars; planetary systems; and residual material left from the creation of the solar system.</p> <p>Relate the nuclear processes involved in energy production in stars and supernovas to their life cycles.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>7 days</p>
-----------------------	-------------------------	---	---	---	----------------------

**Scranton School District
Curriculum Guide**

<p>Stars, Galaxies, and the Universe</p>	<p>3.3.12.B1</p>	<p>Describe the life cycle of stars based on their mass.</p> <p>Analyze the influence of gravity on the formation and life cycles of galaxies, including our own Milky Way galaxy; stars; planetary systems; and residual material left from the creation of the solar system.</p> <p>Relate the nuclear processes involved in energy production in stars and supernovas to their life cycles.</p>	<p>Approved Textbook</p> <p>Chapter Resource Guides</p> <p>Calculators</p> <p>PowerPoint/Other Multimedia Presentations</p> <p>Directed Reading Worksheets/ Study Guides</p> <p>Research Databases</p> <p>Web pages</p> <p>Teacher Prepared Materials</p> <p>Cooperative Learning Projects</p> <p>Mini Labs/Quick Labs</p>	<p>Teacher prepared tests, quizzes, etc.</p> <p>Series available assessments online. (Optional)</p>	<p>7 days</p>
<p>Final Exam Review</p>					<p>10 days</p>