

Seventh Grade E-SLOs & Strands

Essential SLOs					
Standard(s)	SEP	CCC	DCI	Student Learning Objective	Example Tasks
<u>7.1.3</u>	Construct a Model	<u>Cause and Effect</u>	PS2.B	Students can recognize that there are contact and non-contact forces that push and pull.	
<u>7.2.5</u>	Ask Questions Analyze and Interpret Data	<u>Patterns</u>	ESS1.C ESS2.B	Students can ...the Earth's crust is made of tectonic plates that are in constant motion due to the cycling of energy and matter.	
<u>7.3.1</u>	Plan and Carry Out an Investigation	<u>Structure and Function</u>	LS1.A	Students understand the basic structural unit of all living things is the cell.	
<u>7.4.1</u>	Developing and use a Model	<u>Cause and Effect</u>	LS1.B LS3.A LS3.B	Students can explain the effect that different types of reproduction have on genetic variation.	
<u>7.5.3</u>	Construct Explanations	<u>Patterns</u>	LS4.A	Students can recognize that species change over time.	

7.1 FORCES ARE INTERACTIONS BETWEEN MATTER

Standard	SEP	CCC	DCI	Student Learning Objective	Example Tasks
<u>7.1.1</u>	Carry Out an Investigation	<u>Stability and Change</u>	PS2.A PS2.C ETS1.A ETS1.B		
<u>7.1.2</u>	Design a Solution	<u>Systems and System Models</u>	PS2.A ETS1.A ETS1.B ETS1.C		
<u>7.1.3</u>	Construct a Model	<u>Cause and Effect</u>	PS2.B		
<u>7.1.4</u>	Collect and Analyze Data	<u>Cause and Effect</u>	PS2.B		
<u>7.1.5</u>	Engage in Argument from Evidence	<u>Systems and System Models</u>	PS2.B		

7.2 CHANGES TO EARTH OVER TIME

Standard	SEP	CCC	DCI	Student Learning Objective	Example Tasks
<u>7.2.1</u>	Develop a Model	<u>Energy and Matter</u>	ESS1.C ESS2.A		
<u>7.2.2</u>	Construct an Explanation	<u>Scale, Proportion, and Quantity</u>	ESS2.A ESS2.C		
	Ask Questions	<u>Stability and Change</u>	ESS2.A ESS2.C		

<u>7.2.3</u>			ETS1.A ETS1.B ETS1.C		
<u>7.2.4</u>	Develop and Use a Model	<u>Cause and Effect</u>	ESS2.A		
<u>7.2.5</u>	Ask Questions Analyze and Interpret Data	<u>Patterns</u>	ESS1.C ESS2.B		
<u>7.2.6</u>	Engage in Argument from Evidence	<u>Scale, Proportion and Quantity</u>	ESS1.C		

7.3 STRUCTURE AND FUNCTION OF LIFE

Standard	SEP	CCC	DCI	Student Learning Objective	Example Tasks
<u>7.3.1</u>	Plan and Carry Out an Investigation	<u>Structure and Function</u>	LS1.A		
<u>7.3.2</u>	Develop and Use a Model	<u>Structure and Function</u>	LS1.A		
<u>7.3.3</u>	Construct an Explanation	<u>Structure and Function</u>	LS1.A		

7.4-7.5 REPRODUCTION AND INHERITANCE AND CHANGES IN SPECIES OVER TIME

Standard	SEP	CCC	DCI	Student Learning Objective	Example Tasks
<u>7.4.1</u>	Develop and Use a Model	<u>Cause and Effect</u>	LS1.B LS3.A LS3.B		

<u>7.4.2</u>	Obtain, Evaluate, and Communicate Information	<u>Structure and Function</u>	LS1.B		
<u>7.4.3</u>	Develop and Use a Model	<u>Structure and Function</u>	LS3.A LS3.B		
<u>7.4.4</u>	Obtain, Evaluate, and Communicate Information	<u>Cause and Effect</u>	LS4.B ETS1.A ETS1.B ETS1.C		
<u>7.5.1</u>	Construct an Explanation	<u>Cause and Effect</u>	LS4.B LS4.C		
<u>7.5.2</u>	Analyze and Interpret Data	<u>Patterns</u>	LS4.A ESS2.E		
<u>7.5.3</u>	Construct an Explanation	<u>Patterns</u>	LS4.A		
<u>7.5.4</u>	Analyze and Interpret Data	<u>Patterns</u>	LS4.A		