

## Week Of: 12/1 - 12/5

**Essential Questions:** How do scientists contribute/impact our everyday life?  
 How do scientists collect, interpret, and apply the data they gather?  
 How have the forces on Earth changed its surface as we know it today?

**Content Question(s):** What is the process of sea-floor spreading?  
 What happens to the ocean floor at deep ocean trenches?

**Standard(s):** 7. Explain and give examples of how physical evidence, such as fossils and surface features of glaciation, supports theories that the earth has evolved over geologic time.

Day	In Class	Homework
<b>Monday</b> 1	<ul style="list-style-type: none"> <li>• Science Question of the Day (PDF)</li> <li>• Assign new partners (seats)</li> <li>• Preview section 4: Sea-Floor Spreading pgs. 33-39</li> <li>• Read pgs. 33-39 &amp; complete two column notes (Word) (PDF)</li> </ul>	<ul style="list-style-type: none"> <li>• Complete two column notes</li> </ul>
<b>Tuesday</b> 2	<ul style="list-style-type: none"> <li>• Science Question of the Day (PDF)</li> <li>• PowerPoint 1-4: Sea-Floor Spreading (slides 1-11) (PowerPoint) (PDF)</li> <li>• Evidence of Sea-Floor Spreading Activity (Word) (PDF)</li> <li>• PowerPoint 1-4: Sea-Floor Spreading (slides 12-14)</li> </ul>	<ul style="list-style-type: none"> <li>• NONE</li> </ul>
<b>Wednesday</b> 3	<ul style="list-style-type: none"> <li>• Science Question of the Day (PDF)</li> <li>• Review the processes of the Mid-Ocean Ridge</li> <li>• PowerPoint 1-4: Sea-Floor Spreading (slides 15-23) (PowerPoint) (PDF)               <ul style="list-style-type: none"> <li>○ Complete the process of Sea-Floor Spreading</li> </ul> </li> <li>• Modeling Sea-Floor Spreading (Skills Lab) (Word) (PDF)               <ul style="list-style-type: none"> <li>○ Build/apply the model</li> </ul> </li> </ul>	
<b>Thursday</b> 4	<ul style="list-style-type: none"> <li>• Science Question of the Day (PDF)</li> <li>• Binder Check (PDF)</li> <li>• Modeling Sea-Floor Spreading (Skills Lab) (Word) (PDF)               <ul style="list-style-type: none"> <li>○ Use the model</li> <li>○ Analyze &amp; Conclude questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• NONE</li> <li>• Quiz Tuesday!</li> </ul>
<b>Friday</b> 5	<ul style="list-style-type: none"> <li>• Science Question of the Day (PDF)</li> <li>• National Geographic: Deep Ocean (45:30)               <ul style="list-style-type: none"> <li>○ During the video:                   <ul style="list-style-type: none"> <li>▪ Take 2 column notes                       <ul style="list-style-type: none"> <li>▪ 10 questions</li> <li>▪ 10 answers</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Quiz Tuesday!</li> </ul>

## Week Of: 12/8 - 12/12

**Essential Questions:** How do scientists contribute/impact our everyday life?  
 How do scientists collect, interpret, and apply the data they gather?  
 How have the forces on Earth changed its surface as we know it today?

**Content Question(s):** What is the theory of plate tectonics?  
 What are the three types of plate boundaries?

**Standard(s):** 7. Explain and give examples of how physical evidence, such as fossils and surface features of glaciation, supports theories that the earth has evolved over geologic time.

Day	In Class	Homework
<b>Monday</b> <div style="border: 1px solid black; padding: 2px; width: 20px; margin: 0 auto;">8</div>	<ul style="list-style-type: none"> <li>• Science Question of the Day (<a href="#">PDF</a>)</li> <li>• Complete and discuss Modeling Sea-Floor Spreading (Skills Lab) (<a href="#">Word</a>) (<a href="#">PDF</a>)</li> <li>• In groups, discuss two-column notes from the National Geographic: Deep Ocean DVD</li> <li>• Review &amp; Reinforce 1-4 (<a href="#">PDF</a>)</li> </ul>	<ul style="list-style-type: none"> <li>• Review &amp; Reinforce 1-4 (<a href="#">PDF</a>)</li> <li>• Study for tomorrow's quiz!</li> </ul>
<b>Tuesday</b> <div style="border: 1px solid black; padding: 2px; width: 20px; margin: 0 auto;">9</div>	<ul style="list-style-type: none"> <li>• Science Question of the Day (<a href="#">PDF</a>)</li> <li>• Discuss Review &amp; Reinforce 1-4 (<a href="#">PDF</a>)</li> <li>• Vocabulary Review Game</li> <li>• Chapter 1 Section 4 Quiz: Sea-Floor Spreading               <ul style="list-style-type: none"> <li>○ Vocabulary:                   <ul style="list-style-type: none"> <li>▪ mid-ocean ridge, sonar, sea-floor spreading, deep-ocean trench, subduction, Alvin</li> </ul> </li> <li>○ Diagram of sea-floor spreading:                   <ul style="list-style-type: none"> <li>▪ sea-floor spreading, molten material, deep-ocean trench, &amp; mid-ocean ridge</li> </ul> </li> <li>○ Short Answer:                   <ul style="list-style-type: none"> <li>▪ Explain the process of sea-floor spreading.</li> <li>▪ Why is the Pacific Ocean shrinking, while the Atlantic Ocean is expanding (widening)?</li> </ul> </li> </ul> </li> <li>• Organize Binders (<a href="#">PDF</a>)</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<b>Wednesday</b> <div style="border: 1px solid black; padding: 2px; width: 20px; margin: 0 auto;">10</div>	<p><b>Early Release: Parents Afternoon Back</b></p> <ul style="list-style-type: none"> <li>• Science Question of the Day (<a href="#">PDF</a>)</li> <li>• Read pages 42-47 in small groups</li> <li>• Complete two column notes               <ul style="list-style-type: none"> <li>○ Completed grid (<a href="#">Word</a>) (<a href="#">PDF</a>)</li> <li>○ Blank grid (<a href="#">Word</a>) (<a href="#">PDF</a>)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Complete 2 column notes</li> </ul>

<p><b>Thursday</b> 11</p>	<ul style="list-style-type: none"> <li>• Science Question of the Day (<a href="#">PDF</a>)</li> <li>• Discuss two-column notes 1-5 (<a href="#">Word</a>) (<a href="#">PDF</a>) in groups <ul style="list-style-type: none"> <li>○ Divide students into groups</li> <li>○ 15 minutes</li> </ul> </li> <li>• Review &amp; Reinforce 1-5 (<a href="#">PDF</a>)</li> </ul>	<ul style="list-style-type: none"> <li>• Make up quiz for students who earned a failing grade on the last quiz! Tomorrow! <ul style="list-style-type: none"> <li>○ 8:00AM</li> </ul> </li> </ul>
<p><b>Friday</b> 12</p>	<ul style="list-style-type: none"> <li>• <a href="#">BrainPop</a>: Plate Tectonics Clip <ul style="list-style-type: none"> <li>○ Self-Quiz</li> </ul> </li> <li>• PowerPoint 1-5 (<a href="#">PowerPoint</a>) (<a href="#">PDF</a>)</li> <li>• Science Question of the Day (<a href="#">PDF</a>)</li> </ul>	<ul style="list-style-type: none"> <li>• Chapter 1 Test - Next Friday, December 19th</li> </ul>

## Week Of: 12/15 - 12/19

**Essential Questions:** How do scientists contribute/impact our everyday life?  
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**Content Question(s):** What is the theory of plate tectonics?  
 What are the three types of plate boundaries?

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Day	In Class	Homework
<b>Monday</b> 15	<ul style="list-style-type: none"> <li>• <a href="#">Essentials of Geology</a> - Plate Boundaries</li> <li>• Science of the Day (<a href="#">PDF</a>)</li> <li>• Plate Tectonic Packet</li> </ul>	<ul style="list-style-type: none"> <li>• Test Friday</li> </ul>
<b>Tuesday</b> 16	<ul style="list-style-type: none"> <li>• Science of the Day (<a href="#">PDF</a>)</li> <li>• Laptop Cart               <ul style="list-style-type: none"> <li>○ <a href="#">Essentials of Geology</a></li> <li>○ <a href="#">Plate Tectonics Jeopardy</a></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Test Friday</li> </ul>
<b>Wednesday</b> 17	<ul style="list-style-type: none"> <li>• Science of the Day (<a href="#">PDF</a>)</li> <li>• Laptop Cart               <ul style="list-style-type: none"> <li>○ <a href="#">Plate Tectonics Jeopardy</a></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Test Friday</li> </ul>
<b>Thursday</b> 18	The Grinch That Stole Christmas	<ul style="list-style-type: none"> <li>• Test Friday</li> </ul>
<b>Friday</b> 19	<ul style="list-style-type: none"> <li>• Science of the Day (<a href="#">PDF</a>)</li> <li>• Chapter 1 Test: Plate Tectonics</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ALL MAKE UP TESTS SHOULD BE DONE BEFORE TUESDAY 11/23!</b></li> </ul>

## Week Of: 12/22 - 12/26

**Essential Questions:** How do scientists contribute/impact our everyday life?  
How do scientists collect, interpret, and apply the data they gather?  
How have the forces on Earth changed its surface as we know it today?

**Content Question(s):**

**Standard(s):**

Day	In Class	Homework
<b>Monday</b> 22	<ul style="list-style-type: none"><li>Second Step - Lesson 4: Respectful Disagreements</li></ul>	<ul style="list-style-type: none"><li>ALL MAKE UP TESTS SHOULD BE DONE BY TOMORROW 11/23!</li></ul>
<b>Tuesday</b> 23	Team Activities	<ul style="list-style-type: none"><li>ALL MAKE UP TESTS SHOULD BE DONE BY TODAY 11/23!</li></ul>
<b>Wednesday</b> 24	No School: Christmas Eve	
<b>Thursday</b> 25	No School: Christmas Day	
<b>Friday</b> 26	Vacation	