

Mount View High School/7th grade Science/Topics I Test, II Trimester/2018

Topics	Objectives
<p>Chapter 3. Plate tectonics Lesson 2. Sea-floor spreading. Pages: 80-85</p> <p>Resources: Presentation, summary, practice from book.</p> <p>Vocabulary words: mid-ocean ridge, sea-floor spreading, deep-ocean trench, subduction.</p>	<ul style="list-style-type: none"> <li>- Describe, use, and apply knowledge of vocabulary words.</li> <li>- Define and describe mid-ocean ridges.</li> <li>- Define sonar.</li> <li>- Describe Marie Tharp’s contribution to sea-floor spreading.</li> <li>- Explain how sea-floor spreading affects Earth’s crust.</li> <li>- Explain what deep-ocean trenches are and the process of subduction.</li> </ul>
<p>Chapter 3. Plate tectonics Lesson 3. The theory of plate tectonics. Pages: 86-91</p> <p>Resources: Presentation, summary, practice from book.</p> <p>Vocabulary words: Plate, divergent boundary, convergent boundary, transform boundary, plate tectonics, fault, rift valley.</p>	<ul style="list-style-type: none"> <li>- Describe, use, and apply knowledge of vocabulary words.</li> <li>- Explain the theory of plate tectonics.</li> <li>- Identify the difference between the three types of boundaries.</li> <li>- Describe the importance of mantle convection currents.</li> <li>- Describe plate motions over time.</li> <li>- Describe how moving plates change Earth’s crust.</li> <li>- List three examples of continents that have drifted apart from each other.</li> </ul>
<p>Chapter 4. Earthquakes Lesson 1. Forces in Earth’s crust Pages: 102-109</p> <p>Resources: Presentation, summary, practice from book.</p> <p>Vocabulary words: stress, tension, compression, shearing, normal fault, reverse fault, strike-slip fault, plateau.</p>	<ul style="list-style-type: none"> <li>- Describe, use, and apply knowledge of vocabulary words.</li> <li>- Describe the difference between the three types of stress.</li> <li>- Explain how stress in the crust changes Earth’s surface.</li> <li>- Describe the three major types of faults and identify the types of stress that cause them.</li> <li>- Compare and contrast the land features that result from plate movement.</li> </ul>

Chapter 4. Earthquakes  
Lesson 1. Earthquakes and seismic waves  
Pages: 110-117

Resources: Presentation, summary.

Vocabulary words: earthquake, focus, epicenter, P wave, S wave, surface wave, seismograph, Modified Mercalli scale, magnitude, Richter scale, moment magnitude scale.

- Describe, use, and apply knowledge of vocabulary words.
- Describe how the energy of an earthquake travels through Earth.
- Identify the different types of waves.
- Identify the scales used to measure the strength of an earthquake.
- Explain how scientists locate the epicenter of an earthquake.