



BJU Press - 4th Grade - Science - Quarter 3 Map

Week	Lessons	Project/ Activity	Modification	Submit	Objectives
1	Lesson 93-98		Do lessons 93 and 94 together and do lessons 96 and 97 together		<p>Lesson 93: describe conditions on the moon, explain what should be included in the design of a space suit to make it usable and safe, defend the importance of designing safe usable space suits Page 137;</p> <p>Lesson 94: describe the moon's properties, compare and contrast the moon and the earth Pages 138-139;</p> <p>Lesson 95: recognize the effect of gravity on mass and weight, explain the moon's light Pages 140-141;</p> <p>Lesson 96-97: measure weight and distance, calculate moon measurements from earth measurements, compare the effects of the moon's gravity with the effects of the earth's gravity Pages 132-133;</p> <p>Lesson 98: identify landforms on the. moon's surface, define mare rille crater and ray Pages 144-146;</p>
2	Lesson 99-103	Moon model	Do lessons 96 and 97 together, do 99 and 100 on Thursday and Friday		<p>Lessons 99-100: make a model of the moon's surface, demonstrate an understanding of terms related to the moon's surface Page 147;</p>

					<p>Lesson 101: explain the revolution and rotation of the moon, define revolution and rotation Pages 148-149;</p> <p>Lesson 102: explain the revolution and rotation of the moon, define revolution and rotation;</p> <p>Lesson 103: label the phases of the moon on a diagram, differentiate between waxing and waning phases, describe the the phases of the moon Pages 150-151</p>
3	Lesson 104-108		Lesson 104 is optional, do it on Friday if you do it		<p>Lesson 104: Label the phases of the moon on a diagram, differentiate between waxing and waning phases, describe the phases of the moon Pages 111-112;</p> <p>Lesson 105-106: observe the moon, identify the phases of the moon Pages 152-153;</p> <p>Lesson 107: identify the relationships of the sun moon and earth, distinguish between a lunar eclipse and solar eclipse, label a solar eclipse and a lunar eclipse on diagrams Pages 154-155;</p> <p>Lesson 108: identify the relationships. of the sun moon and earth, distinguish between a lunar eclipse and lunar eclipse on diagrams</p>
4	Lesson 109-113		Do lessons 112 and 113 together	Chapter 7 test	<p>Lesson 109: state that God created the moon, describe the two kinds of science, describe one theory about how the moon began, describe what a Christian believes about the moon's origin Page 156-159;</p> <p>Lesson 110: Chapter review;</p> <p>Lesson 111: Test 7; Lesson 112: describe what a deep-sea fishing boat captain</p>

					<p>needs to know about the weather tides and currents, recognize the idea that a boat captain uses his knowledge to help others Pages 161;</p> <p>Lesson 113: recognize that almost three-fourths of the earth's surface is covered with water, describe the water found on the earth, identify gravity as the force that pulls fresh water toward the ocean, label and describe the parts of the water cycle Pages 164-165</p>
5	Lesson 114-118	Vapor Race	Do lessons 117 and 118 together or do 114 on Friday	Vapor Race	<p>Lesson 114: discover how the amount of surface area affects the speed at which water evaporates Pages 166-167;</p> <p>Lesson 115: explain. what causes a tide Pages 168-169;</p> <p>Lesson 116: explain what causes a wave, identify three things that determine the size of a wave Pages 170-171;</p> <p>Lesson 117: identify two things that control deep ocean currents Pages 172-173;</p> <p>Lesson 118: identify what causes surface currents, identify the Gulf Stream as a warm current Pages 174-175</p>
6	Lesson 119-123		Do lessons 122 and 123 together		<p>Lesson 119: identify and describe the four main oceans, identify the largest oceans and the smallest ocean; describe how the ocean floor is similar to the rest of the earth's surface Pages 176-177;</p> <p>Lesson 120: identify plankton as a main food source for some ocean animals Pages 178-180;</p> <p>Lesson 121: recognize that God created animals in distinct kinds such as whales and dogs, compare the physical characteristics of a dog and a whale, describe the features that would have to change for a dog to turn into</p>

				<p>s whale, use the Bible to evaluate the hypothesis that whales evolved from land animals;</p> <p>Lesson 122-123: research information about an ocean animal and its environment, make a mobile to present information about an ocean animal Pages 181</p>
7	Lesson 124-128		Do lessons 127 and 128 together	<p>Lesson 124: Mapping the Depths;</p> <p>Lesson 125: Chapter 8 review;</p> <p>Lesson 126: Chapter 8 test;</p> <p>Lesson 127: recognize the interrelationship of science concepts, describe the problem erosion causes for construction, explain the job of an erosion-control engineer, support the claim that erosion control is a way to help other people;</p> <p>Lesson 128: identify the changes that result from volcanoes and earthquakes, identify natural causes of weathering, recognize various landforms Pages 188-191</p>
8	Lesson 129-132		Do lessons 131 and 132 together	<p>Lesson 129: identify characteristics of soil, describe the three main layers of soil Pages 193-195;</p> <p>Lesson 130: compare and contrast two soil samples, demonstrate knowledge of characteristics of soil types Pages 196-197;</p> <p>Lesson 131: identify water and wind as causes of erosion, identify the effects of water and wind deposition, summarize how a delta is formed Pages 198-202;</p>

					Lesson 132: describe how rock layers can bend without breaking, connect the description of the flood to the layers of rocks on the earth, compare the evolutionary explanation for bent rock layers with biblical explanation based of the flood
9	Lesson 133-136		Do lessons 139 and 140 together	Chapter Test 9	Lesson 136: identify kinds of erosion caused by gravity, identify characteristics of glaciers, summarize how the activities of people can cause erosion Pages 206-209; Lesson 137: Chapter 9 Review; Lesson 138: Chapter 9 Test