

Grade 4				
Life Science				
Chapter 3 Lesson 4				
Page	Question	Answer(s)	Links/Sources	Student Resources
108	Have you ever been to the beach? If so, what did you enjoy most? What might be reasons a beach may be closed to people?	Student answers will vary based on experience. Use the same paragraph to talk about beaches being closed to protect animals, also can talk about trash/contamination by people.		
108	Do you have a favorite park or playground? How would you feel if people were not taking good care of this place? What if you saw litter on the ground?	Encourage students to share their favorite places and how they want it protected or keep clean. Students may share what they have seen or how they have helped to clean up an area.		
110	How can caring for the environment help maintain your spiritual, mental and emotional health?	TE page 110. Sample answer. Caring for the environment helps remove toxins and pollution that can cause illness. You spend time in nature and can feel close to God's creation when you <u>care for the environment</u> .		
111	Choose one event that quickly changes ecosystems. What changes does it cause?	Student answers will vary based on choice. Usually choices will be weather or fire related such as storm, wildfire or flood. Let students carry this out to natural end. Cover not only plant change but change to animals and their habitat.		
111	Why is it important to care for Earth? Revelation 11:18	God gave Adam instructions to care for the Earth in Genesis 2:16. Revelation contains a warning for those who do not take care of it.		
112	What is one thing you could do to care for an endangered species?	TE page 112. Answers will vary based on student choice. Help students identify animals they are interested in or endangered species specific to your area. Some options would be to write letters, raise money for conservation groups, pick up trash locally, etc.		
112	How do ecosystems respond to change?	Help students identify causes of change to environments such as weather/flood/fire. Use the squash or other decaying item to see changes over time.		
113	How do you think life has changed on Lake Michigan in the last century?	TE page 113. Sample answers can include electricity, technology, more people, more cars, more land development, loss of natural habitat.		
113	What are three things you can do to help prevent more damage to the ecosystem you live in?	TE page 113. Sample answers: Reduce pollution by not littering, reuse, recycle and reduce consumption of resources such as water.		

113	What fraction of their former weight do today's groupers have?	TE page 113. Write and solve the problem on the board with input from the class $2 \div 20 = 1/10\text{th}$.		
114	What does it mean to be a good steward of Earth, which God created for us?	Sample answer: Appreciating the beauty and wonder of God's creation and doing everything you can to care for it and keep it healthy.	Curious Kids: Where do my recycled items go? (theconversation.com)	
114	How can people in your area help solve an environmental issue?	Have students work together to create an informative poster about the issue.		
114	What happens to material you recycle?	It can be reused to make new things.	Curious Kids: Where do my recycled items go? (theconversation.com)	
* Means the answer is found in the TE.				