

Grade 4				
Life Science				
Chapter 3 Lesson 3				
Page	Question	Answer(s)	Links/Sources	Student Resources
100	What is your favorite animal? Why do you like this animal more than others? What type of ecosystem does your favorite animal live in?	Answers will vary based on student choices. Be sure ecosystem matches with creatures chosen.		
100	If living things were taken out of their environment, what would they need to survive?	Be sure students cover food, water and accommodate for the temperature needed for creature/shelter.		
100	What will the exhibits need for the living things to survive? What might happen if the living things in your first exhibit were switched with the living things in your second exhibit?	Answers will vary depending on what the students choose and what the enclosures look like. Be sure they recognize the differences in food needed, the space needed for the creatures and temperature differences.		
102	In what ways can humans modify their habitats to make life easier?	TE page 102. Sample answers may include: People clear land to grow crops for food, build homes for shelter, dam streams, store water in reservoirs, irrigate crops with water and use air conditioning and heating.		
102	What is the ratio of identified organisms to possible types of organisms on Earth?	TE page 102. $30 \div 2 = 15$. Some scientists believe there are 15 times more organisms on earth than have been discovered.		
103	How does this passage relate to niches?	See Psalm 104:27-30. The passage states that God is responsible for creating the habitats that plants and animals live in, as well as the niches plants and animals have.		
103	What are the niches of the organisms in habitats near where you live?	These answers will vary by location. See what students pick up on their tape bracelets and use items as your basis of discovery.		
104	Why do grasslands have very few trees?	TE page 105. Grasslands have very few trees because these regions generally do not get enough water to support the growth of most trees. The amount of rainfall is, however, sufficient to support grasses. If fire is controlled, grasslands will get more shrubby growth.	The Grassland Biome Habitat (thoughtco.com)	
106	Why do you think there are fewer organisms the deeper you go in the ocean?	Sample answer. The deeper you go the less sunlight there is, so plant and animal life can't survive.		
106	How will a plant react to receiving saltwater instead of freshwater?	TE page 106. Answers will vary, but should conclude that the house plants watered with saltwater will not thrive the way they will with freshwater.	What Happens When You Put Saltwater on Plants? (sciencing.com)	
* Means the answer is found in the TE.				