

Grade 4				
Life Science				
Chapter				
Page	Question	Answer(s)	Links/Sources	Student Resources
82	Have you ever really looked at a fish tank? How does one small fish tank provide everything that the fish may need to survive? How is this ecosystem like the ecosystem that provides you with what you need?	Students will have a variety of answers depending on the tank. Have students identify needs vs wants; also man made things vs natural resources.		
85	What are some biotic and abiotic parts of your home?	TE page 85. Sample answers: Biotic examples could be family members, potted plants, or pets, and abiotic examples could be furniture, food, doors, toys or other reasonable answers.		
85	What role does the temperature play in this?	TE page 85 Sample answer could include different plants and animals thrive in different temperatures Plants and animals that thrive in hot dry weather will be found in a desert, but probably not in a mountain forest, where it is typically cooler and wetter.		
86	What are three biotic and three abiotic parts needed for the ecosystem to survive?	TE page 86. Answers may include students, teachers and class pets as biotic and desks, chalkboard, and books as abiotic.		
87	How do you think the relationships among the things in this ecosystem help sustain it?	TE page 87. Sample answer the deer travel in groups to help protect each other. The deer eat the grass and then fertilize it with waste that helps more grass grow.		
88	Do you think there is a perfect community somewhere on Earth?	TE page 88. There is no perfect community on earth since sin has entered into the world. The perfect community will be restored upon Jesus' return for all who follow God.		
88	How many acorns did the oak tree produce this year?	TE page 88. Ask students to decide what they have to do to find the answer (multiply) Have students guide you as you write the math exercise on the board. Ask the students to solve the math problem Ask them to use strategies to solve the problem without a calculator. For example, they can use strategies and multiply 220×2 ; find half of 220, and then add the product and quotient together $220 \times 2.5 = 550$.		

89	What do you think is the most important population in that ecosystem? What about in a zoo ecosystem?	TE page 89. Student answers will vary. Students may mention either the population of students or teachers. For the zoo ecosystem, they may discuss the different animal families such as reptiles, monkeys, elephants and lions, etc.		
90	What is your environment like? How is your environment within the classroom ecosystem different from your environment at home?	TE page 89. Student answers will vary. Student responses should distinguish between the school environment and their home environment. Such as bedroom, toys, family vs desks, lockers, teachers, etc.		