Grade 4

Life Science

Chapter 1 Lesson 4

Page	Question	Answer(s)	Links/Sources
44	How do the life cycles of different kinds of plants compare? How do different kinds of plants reproduce?	TE page 44. Ask students what they know about reproduction. Most plants reproduce by creating seeds. This lesson will give students a variety of ways plants reproduce.	
44	What conditions are necessary for seeds to grow?	TE page 44. Use seed packets for students to brainstorm. Students should find that all seeds need water and sunlight.	
47	What is this passage really about?	See Luke 8:4-8. The passage is a parable about ways that people hear and apply God's word.	
48	What would happen if pollination did not take place?	TE page 48. If pollinations didn't occur, we would not have fruits and vegetables. Mention the role of the honey bee.	Plants and Pollinators | Kids Answers (answersingenesis.org)
48	What structures do flowers share?	TE page 48. Not all parts may be visible, depending on the types of flowers available. Flowers may share petals, stamen, filaments, anther, pistil, stigma, style and ovary. See diagram on page 48.	
50	What process is being described?	See Mark 4:26-29 The life of a seed plant is being described.	
51	What would be the advantage of being a tall conifer during pollination?	TE page 51. Since conifers rely on the wind for pollination, the taller trees get the strongest wind force to disperse their pollen over the greatest distance.	
52	What do mosses and ferns need to produce an enormous number of spores?	TE page 52. The success rate of individual spores landing in an environment suitable for germination is very low. Therefore, plants need to disperse a huge number of spores into the wind or water.	
53	How do they prevent seeds from germinating?	Seeds are stored in cold and dark underground vaults. This stops the germination process of seeds.	Svalbard Global Seed Vault – A site about seeds!