Blake Finds A Geode

Name _____

Greek Roots: bio- (life) & geo- (earth)

Blake liked to learn about the land and rocks. He read a thick book on geography and maps. Now he wanted to learn about geology. "I want to be a geologist when I grow up," he told his dad. "I will hunt for a geode today."

Blake packed his backpack. He asked his pal Gwen to come along. Gwen was a biologist. She liked to look at plants and bugs. "We can explore the woods biome," Gwen said. "We will see a lot of biodiversity on our hike."

They walked on an uphill path. The path cut through a lush, green forest. The forest had tall trees and thick green bushes. "This part of the biosphere is full of life," said Gwen. She pointed to a green fern and a spotted frog. "The biology of this place is amazing."

But Blake was not looking at the plants. He was looking at the ground. He wanted to find a geode to take home. He looked under a log, but he just found mud. He dug in the dirt, but he just found flat slate.

"It is hard to find a geode," Blake said sadly. "I read a book about a wise geologist. He found them all the time. What am I doing wrong?"

The story goes on →

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Greek Roots: bio- (life) & geo- (earth)

Gwen grinned. "You need to look for geological hints," she told him. "A geode looks like a plain rock with bumps on the outside. It is not bright until you crack it open."

Blake looked more. He walked to a dry river bed. He looked at the muddy soil nearby. Then he spotted a round, gray stone with bumps all over it. He picked it up. It felt very heavy for its size.

"I will crack it," Blake said. He got a big hammer from his bag. With a loud smack, the rock split in half. Inside, the rock was filled with purple, geometric shapes!

"Wow!" Blake yelled. "Look at these bright gems!" The inside of the rock was a beautiful sight. Blake was so happy. Learning about geology was the best thing ever. Next time, he might even learn about geothermal heat!

Circle or highlight all the words containing the roots bio- or geo- in the story above. How many did you find?

I found _____ words.