Lesson Plan

10 Questions!

Series: Rocks and Minerals
Level: Navigator

Objective
To help students practice identifying key details about different types of rocks and minerals.

Supplies
- Several books in the Rocks and Minerals series
- Whiteboard or chalkboard
- Markers or chalk

Before the Activity
Split students into small groups.

Activity
Give each group of students a book from the Rocks and Minerals series and have them read it aloud, with each student taking a turn. After students have finished reading, invite volunteers to raise a hand and describe one type of rock or mineral they read about. They should share its name and at least one specific detail about it, such as what it looks like, how it forms, where it's often found, or what it's used for. Write each answer on the board, providing prompting and support to correct errors or add in things students miss.

Then, play a modified game of 20 Questions. One student will stand at the front of the class. They will choose a type of rock or mineral from the list on the board. The class will ask questions to guess what type of rock or mineral the student picked. If the student doesn't know an answer, they can ask you for help. Once someone guesses correctly, a new person takes a turn at the front of class. If after asking 10 questions, the class still doesn't know, the student can reveal the answer and have a new person come to the front.

Evaluation
Could students describe features of the rocks and minerals they read about? Could students ask and answer questions about the rocks and minerals?

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Standards

This lesson may be used to address the Common Core State Standards' reading standards for informational text, grade 4 (RI 4.1, 4.2), and the National Science Education Standards' Content Standard D, grades K–4.

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