

Chapter 9

Use with Section 3

ENRICHMENT

● Igneous Rock Features

Modeling Igneous Features

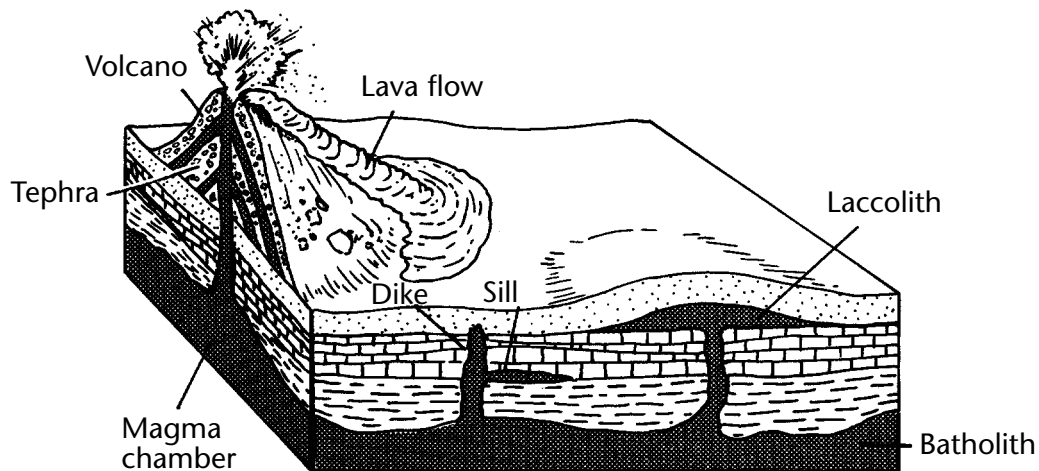
Materials

flat board
 box of toothpicks
 various colors of modeling clay
 water-based paints
 markers

Procedure



1. Use the clay to make the igneous rock structures shown in the diagram below.
2. Using toothpicks and small pieces of paper (or markers), label each of the igneous structures.



Analyze and Conclude

1. Which structures in your model are intrusive? _____
2. Which are extrusive? _____
3. List the structures featured on your model and briefly describe the characteristics of each.

4. In which igneous rock structure would you expect to find the larger crystals? Explain.

5. Which kind of volcano is pictured? Explain. _____
