

# Section 6 Assessment



## Vocabulary

Match the terms with their definitions.

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|---|-------------|
| ❶ A long, thin piece of rock that shows what is beneath Earth's surface | core sample |
| ❷ Scientist who studies Earth's surface                                 | fault       |
| ❸ A crack running through Earth's surface                               | geologist   |

## Edible Rocks

- ❹ Name the two things that you needed to turn your "sediment" popcorn mix into a "conglomerate" popcorn ball. What sedimentary process did each thing stand for?

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## Modeling Metamorphosis

Use bread to model layers of shale turning into slate. First, use the knife to trim the crusts off one slice of white bread. Next, cut the bread into four pieces and stack them.

- ❺ Describe the layers of "shale" in your model. Is the "rock" light or dense? Are there many air pockets in the "rock?" Are the four layers easy or difficult to see?

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- ❻ Use the palm of your hand to apply pressure to the layers of "shale." Then describe the "slate" that results.

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