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Activities

Rocks Under Pressure

Name: _____ Date: _____

Metamorphic rocks form under intense pressure and heat. You'll get the details in this Planet Diary activity.

Directions

- Go to metamorphic rocks from Windows of the Universe. Read the first paragraph. Click the diagram on the left to enlarge it. Read the caption, then answer question 1 in the Workspace.
- Find out about metamorphic grades. Click the picture and read the caption. Read the text on the right, then answer questions 2 and 3.
- The minerals in metamorphic rocks can be arranged in different ways. Return to metamorphic rocks and read the third paragraph. Answer question 4.
- See examples of foliated and non-foliated rock. Answer the last two questions.

Workspace

1. What conditions are needed for rocks to become metamorphic?

2. How are metamorphic rocks like the cookies in the picture?

3. What determines have much metamorphism will happen?

4. How are minerals lined up in foliated rocks?

5. How is the appearance of non-foliated rocks different from that of foliated ones?

6. Give three examples of both foliated and non-foliated metamorphic rock.

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