

Science blog worksheet – Year 3

Topic: Describing rocks and choosing rocks

Q1. Fill in the blanks:

- a. When you describe the shapes and sizes of the grains of rocks, you are describing its _____.
- b. The grains of sandstone are _____.
- c. Marble contains tiny grains of the crystal _____.
- d. _____ is a mineral that is black in colour and is found in granite.
- e. Sandstone is made from grains of _____.
- f. Some rocks are _____ that means they let water run through them.
- g. We use _____ to make roofs because it is impermeable.
- h. _____ is used to make toothpaste.
- i. _____ rocks can be easily worn away by the wind because they are crumbly.

Q2. Zack wants to find out which rock should be used for making which object. He has listed down a few possible uses for some rocks .Help Zack determine if his answers are true or not?

Rock	Object that can be made	Correct or incorrect? Give reasons
Limestone	statues	
Marble	stairs	
Granite	roof	
pebbles	walls	

Answer key:

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Q1. Fill in the blanks:

- a. When you describe the shapes and sizes of the grains of rocks, you are describing its **texture.**
- b. The grains of sandstone are **rounded.**
- c. Marble contains tiny grains of the crystal **Calcite.**
- d. **Biotite** is a mineral that is black in colour and is found in granite.
- e. Sandstone is made from grains of **Quartz.**
- f. Some rocks are **permeable** that means they let water run through them.
- g. We use **Slate** to make roofs because it is impermeable.
- h. **Limestone** is used to make toothpaste.
- i. **Sandstone** rocks can be easily worn away by the wind because they are crumbly.

Q2. Zack wants to find out which rock should be used for making which object. He has listed down a few possible uses for some rocks .Help Zack determine if his answers are true or not?

Rock	Object that can be made	Correct or incorrect? Give reasons
Limestone	statues	Incorrect (The statues will wear away quickly)
Marble	stairs	Correct. (Marble doesn't wear away quickly when people walk on it)
Granite	roof	Incorrect. (Too heavy for a roof)
pebbles	walls	Incorrect. (all pebbles are of different shape and they are not as strong as bricks)