



Rock On! Geology Post-Visit Activity

Identify the rock or mineral by the properties given below. If you are unsure of a rock or mineral, do further research using reputable sources to find additional information.

Word Box

Basalt Dolomite Gneiss Limestone Magnetite
Pumice Pyrite Sandstone Soapstone Talc

1. This is a volcanic rock that actually floats. _____
2. This is a mineral that is often called "fool's gold" as it has a metallic luster that makes it appear like real gold. _____
3. This sedimentary rock often contains fossils and forms bubbles when certain types of acids are dropped on it. _____
4. This igneous rock is fine-grained and dull in luster. _____
5. This mineral is the softest one on earth. Having a Mohs rating of 1, it can even be scratched with your own fingernail. _____
6. This mineral is magnetic. _____
7. This sedimentary rock is the result of sand particles being pushed together for long periods of time. _____
8. This metamorphic rock was once granite. _____
9. This mineral will grow crystals if you pour vinegar on it. _____
10. This metamorphic rock was named for its texture and is soft due to the mineral that mostly makes up its composition. _____

Many rocks or minerals are used in our everyday items. Try and match the rock or mineral to the object it is used in.

Rock or Mineral

Object

Copper	Cement
Fluorite	Chalkboards
Granite	Countertops
Graphite	Electrical Wires
Marble	Glass
Obsidian	Jewelry
Quartz	Pencil Lead
Shale	Scalpel Blades
Silver	Sculptures
Slate	Toothpaste