

Name: _____

Mineral Webquest

Site: Mineral Games - <http://mineralogy4kids.org/uses/uses.html>

Select "Minerals in Your House". Select "Bedroom". Click on one of the items.

What item did you pick? _____

What minerals are in that item? _____

Return to the main page. Select "Bathroom". Click on one of the item.

What item did you pick? _____

What minerals are in that item? _____

Return to the main page. Select "Living Room". Click on one of the items.

What item did you pick? _____

What minerals are in that item? _____

Return to the main page. Select "Kitchen". Click on one of the items.

What item did you pick? _____

What minerals are in that item? _____

Brain Pop movie

<http://glencoe.mcgraw-hill.com/sites/dl/free/0078778085/164213/00044674.html>

Click play movie. You can go back and move forward in the movie by clicking on the arrows.

What should you look at first when looking at minerals? _____

What is hardness? _____

How hard is a finger nail? _____

What is luster? _____

If it has a metallic luster the mineral will be _____

The streak is the mineral's _____ when it powdered or scratched on a surface.

Minerals that break on a smooth hard surface have _____.

Fracture is when a mineral breaks _____.

Site: National Geographic-Crystal Giants

http://ngm.nationalgeographic.com/geopedia/Crystal_Giants

1. Look closely at the photograph at the top. How many people do you see in the picture?

2. In what country is this cave? _____

3. **Complete the following paragraph:** For about 600,000 years _____-rich water filtered through the cave, depositing molecules of calcium sulfate like stacked bricks. At first an intrusion of _____ deep below the surface _____ the water. Then around half a million years ago the water temperature cooled to roughly 136 degrees Fahrenheit, the right temperature for the calcium sulfate in the water to form selenite crystals. Conditions in the water-filled cave remained virtually unchanged for hundreds of thousands of years, allowing the crystals to reach astounding_____.

4. What are the two reasons why few people are allowed in the cave?

Site: Fireworks - <http://www.rocksandminerals.com/fireworks.htm>

1. How many tons of fireworks are used each year? _____

2. What minerals are used to make the following colors or special effects?

a. Bright Greens

f. Yellows

b. Silvery White

g. Orange

c. Deep Reds

h. Gold Sparks

d. Lavender

i. Bright Flashes

e. Blues

j. Silvery-white Flashes