

Rocks & Minerals

Geology Activity Hunt at the Yale Peabody Museum

- 1) The large quartz crystal at the entrance to *David Friend Hall* was found in which African nation?

- 2) How old are the fish and palm frond fossils from Wyoming? _____
- 3) The Gypsum Desert Rose comes from the _____ Desert in Mexico.
- 4) Find the Simplified Geologic Map of Connecticut in the *Hall of Minerals, Earth and Space*. What kind of rock is represented by blue patches? _____
- 5) In the **MINERALS UNDER ULTRAVIOLET LIGHT** section of the exhibit, what color does Mineral #54 (Scapolite) appear to glow under ultraviolet light? _____
- 6) Which precious metals used in jewelry can be found in the **MINERALS WITH HYDROTHERMAL ORIGINS** section of the exhibit? _____
- 7) What is Rock #9 in the **CONNECTICUT ROCKS** section of the exhibit? _____
- 8) Find Goethite in the **CONNECTICUT MINERALS** section of the exhibit. What color is it? _____
- 9) Circle the word that best describes the luster of the Phlogopite on display in the **MINERALS FROM MAGMATIC ENVIRONMENTS** section of the exhibit?

WAXY	METALLIC	DULL	EARTHY
-------------	-----------------	-------------	---------------
- 10) The large copper nugget on exhibit is one of the largest ever found in Connecticut. It was discovered in which nearby town? _____
- 11) In the room next to the elevator, what is the name of the bright green mineral? _____
- 12) Which is your favorite mineral in this room? _____
- 13) In the meteorite section of the hall, how much does the Red River meteorite weigh? _____
- 14) On the giant globe, when you press the button for the Mississippi River, U.S.A., how many lights go on? _____
- 15) What source of energy created the fulgurite? _____

Answers to Geology Activity Hunt at Yale Peabody Museum

- 1) Namibia
- 2) 50 Million Years old
- 3) Chihuahua
- 4) Marble (and other metamorphosed sedimentary rocks)
- 5) Yellow
- 6) Gold, Silver & Platinum
- 7) Conglomerate
- 8) Black
- 9) METALLIC
- 10) Hamden
- 11) Malachite
- 12) (personal choice)
- 13) 1635 pounds (or 741.6 kilograms)
- 14) 3
- 15) Lightning, or electrical current