

2007 SCAVENGER HUNT GRADE 5+, Route 4

STOP 1 MAD SCIENCE AREA 2—Circle the best answer

Igneous rocks form in (volcanoes, ocean waves, rivers).

Metamorphic rocks need heat and (oceans, pressure, magnetism) to form.

Sedimentary rocks form when layers of (sediment, lava, water) are pressed and glued together.

Did you see a sedimentary rock, an igneous rock, and a metamorphic rock? Can you find more sedimentary, igneous, and metamorphic rocks in the show?

STOP 2 ROCK FOOD TABLE

How many different items make up the ice used on the exhibit?

STOP 3 SHU'S ROCKS AND MINERALS

What is coprolite?

STOP 4 SAN JUAN GEMS

What causes green or blue color in rocks?

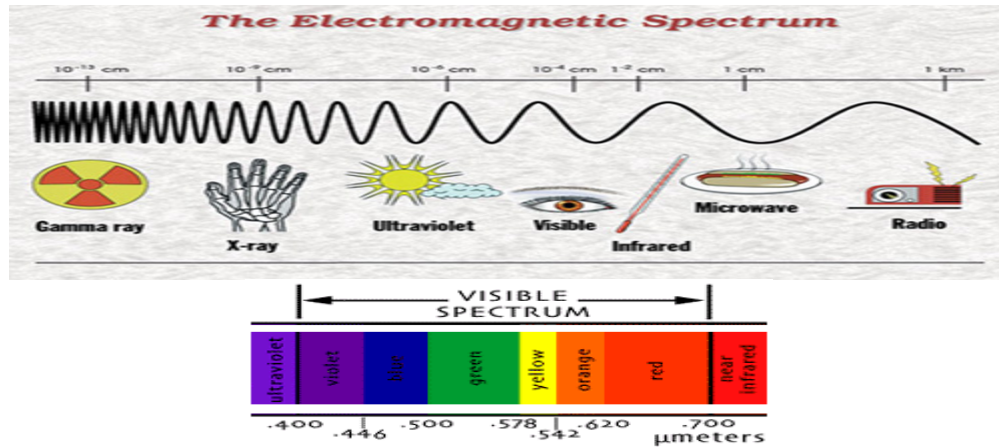
STOP 5 LARSON'S ROCKS

Sphalerite is the most important ore of _____ which is combined with copper to make _____.

STOP 6 NATURE'S REFLECTION

What mineral, when refined, is used to make batteries and can shield you from radiation?

STOP 7 FLOURESCENT DISPLAY



Circle the color that has the highest energy level. **Red** **Green** **Violet**
 How do you know that color has more energy?
 Can we see ultraviolet light? **Yes** **No** Why?
 Why do some things look purple under ultraviolet light?

STOP 8 DB OPALS

Where are opalized nodules found?

How are they found?

STOP 9 HOUSTON MUSEUM OF NATURAL SCIENCE

Sharks and rays are cartilaginous fish. Cartilaginous means that their skeletons are made of cartilage, not bone. Even though they come from the same family, they eat different kinds of food. Look carefully at the shark tooth and the ray tooth. What do you think each one eats? Why?

STOP 10 YOUTH SECTION

Rocks can be identified by physical properties. The way that a rock feels is a physical property. Can you identify rocks by their feel? Try it.

COME BACK AND SEE US AGAIN!

Sample the treasures of the earth at the
HGMS 2007 Gem, Jewelry, Mineral & Fossil Show
 September 21-23

This year's show features more than 40 gem, jewelry, mineral, lapidary, and fossil dealers, along with children's activities, demonstrations, and educational displays.

WHEN	Friday 9 a.m. – 6 p.m. Saturday 9 a.m. – 6 p.m. Sunday 10 a.m. – 5 p.m.	WHERE	Humble Civic Center 8233 Will Clayton Pkwy Humble, TX.
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TICKETS (good all weekend!) **Adults \$5; Students, Teachers, Seniors \$3; Kids under 12 FREE.**

SAVE \$2 ON ADULT ADMISSION WITH THIS COUPON!