

2007 SCAVENGER HUNT GRADE 5+, Route 2

STOP 1 MAD SCIENCE AREA 1-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) is 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 GILLIGAN'S

How does a quartz crystal get its 6-faced shape?

STOP 3 BITTERROOT

What mineral is sometimes referred to as peacock rock?

STOP 4 FOSSIL AND MINERAL PLACE

What rock found in nature is a natural magnet?

STOP 5 SOLOMON'S MINE

What is amber?

STOP 6 FOSSIL FANATICS

What is a fossil?

What is a crinoid?

STOP 7 DINO DIG

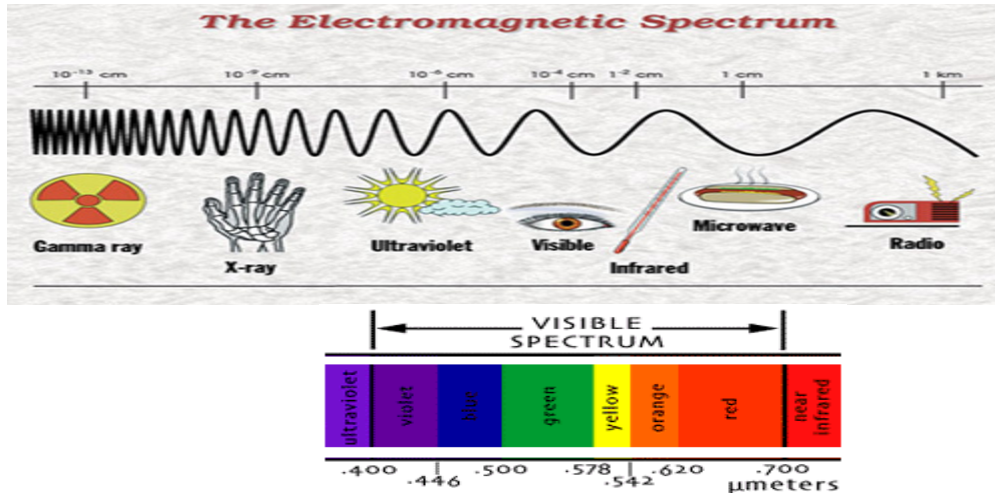
Paleontologists are geoscientists who study fossils. In order to study skeletons, they must dig each bone out carefully. Paleontologists must diagram the "dig" area and move from place to place as they carefully uncover bones. Paleontologists "dig" through one square before moving to the next. **Mark the square you are given** with a **small x** in the upper corner. Then mark the place **you started** digging with a **small c**. When you find a **dinosaur**, mark it with a **D**. If you find a **gem**, mark a **g**. **Petrified wood** gets a **pw** mark. Remember to be very careful and to follow the safety rules as you dig. Unfortunately this is a short digging season, and you only have time to work one square this year. You must return next year to dig another square.

What did you find?

STOP 8 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. What did you discover?

STOP 9 MINERAL SECTION



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 10 PALEO SECTION

How do animals of the past compare to animals of today?

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.
-------------	---	--------------	--

TICKETS (good all weekend!) **Adults \$5; Students, Teachers, Seniors \$3; Kids under 12 FREE.**

SAVE \$2 ON ADULT ADMISSION WITH THIS COUPON!