Science Hunt

3-5

Welcome to the Michigan Science Center.

Within the galleries, you will find the answers to our Science Hunt questions by exploring the laboratories and interacting with the exhibits.

<u>Note to chaperones and adults</u>: You may need to help children read the questions and exhibit signs and also write the answers. You may choose to fill out one sheet as a group.

Explore the possibilities!

<u>Lower Level</u>

If you could make a tornado big enough to rip the bark off of a tree, what would its Fujita rating be? How many mph would its winds move?

What is a boring machine? What does it do? How?

Look at the fish scale under the microscope. Draw what it looks like. What does the microscope do to the image?

Upper Level

Read the exhibit signs to find: What is a fulcrum? Where is a fulcrum in this gallery?

Find the giant *Foucault Pendulum*. Look for the arrow that shows which direction it was swinging when it was started. What has happened? Why?

List two exhibits in which white light is split into a rainbow.

Using the *Hand Generator*, which takes more force to run, a regular bulb or a fluorescent bulb? Therefore, which takes more energy and money to run?

Describe how two types of energy are used in the Matter and Energy Gallery.

Name one exhibit that heats something. What happens when it is heated?

Main Level

How many chambers does a human heart have?

In *TAM*, the light up human body, list an organ that lights up red, one that lights up yellow, and one that lights up green.