

Activity sheet # \_\_\_\_\_

NAME \_\_\_\_\_

## Where does a monster storm get its energy?

1. What is a wave? Draw a picture to help illustrate it.
2. What is the wave length? Diagram it on your picture.

## Energy from the Sun

3. Where does the energy that fuels a monster storm come from?
4. What else gets its energy form this source?
5. What are the three main types of light waves that influence our lives?
  - a.
  - b.
  - c.
6. What happens when you get too much UV radiation?
7. How does the ozone layer help us?

## **Striking the Ground**

8. How much of the sun's energy will reach the ground?

9. What happens to the rest of the energy?

10. After the sunlight hits an object, what happens to that object? Think about how it might feel to the touch?

### **Journal Question:**

What have you heard about the waves that make up the electromagnetic spectrum? List the types of waves here and describe where you might have heard of them/what they are used for.