

Name: _____ Date: _____

Light Energy Worksheet



Thinking Questions

- What is energy?
- What are some types of energy we discussed?
- What is the largest source of energy in our solar system?

Station 1: Bending Light

Instructions: Place the ruler (or pencil or Popsicle stick) straight up in the water and slowly lower it towards horizontal.

Information: Refraction is the bending of the path of light as it travels across the border of two transparent materials.

Your Observations:

1. The light traveled from _____ to _____.
2. In the space below, draw how you see the object in your bowl:

Air

_____ ◀ **Air / Water Boundary**

Water

2. Engineers must understand refraction when deciding the type of windows to put in a building. Where else have you seen refraction that uses air, water or glass?
