

## Teacher's Preparatory Guide

### Instructions for Seeing Center

1. Show students all the tools for seeing and provide name for each one.
2. Explain that some tools help us to see the colors of light around us. Have the students take turns looking at the room lights with the spectrum (rainbow) glasses.
3. Explain that some tools help us to see the shape of objects. Using the 3-D glasses, have students take turns looking at 3-D pictures.
4. Explain how some tools help us see more details of an object.
  - Have students take turns using the hand lens to look at rocks or some other object.
  - Use a USB scope to look at rocks/object (available on Amazon).
  - Use a microscope to look at slides of rocks/object.
5. Finally tell students that sometimes we have to use ourselves as a tool to create an image of what something looks like. Tell them about going into a dark room and finding the light switch on the wall. How did they do it?
  - Distribute feely socks and have them guess what is in the sock.