

**Activity #2**  
**Molecules and Light**

Name \_\_\_\_\_

Date \_\_\_\_\_

We often teach that different molecules have unique properties, and that some of them can absorb light. We see this in sun glasses, dyes, and filters to name a few. Have you ever tried to explain how this might be possible? What did your students hear?

We would like you to view this exercise through the eyes of your "average" student.

Describe in both words and a diagram how a molecule might absorb light energy. Describe this in as much detail as you can. Remember to try to visualize this through your students' eyes.