

What Color is Light?

Demonstration Mission 4

Objectives

To understand the nature and components of visible light through observation

Initial Questions

What color is light?

How do you know this?

Materials and Notes

- Clear, straight-sided glass
- Water
- window/sunlight
- white posterboard paper
- crayons or markers.

Procedure

1. Fill the glass with water.
2. Place the glass on the edge of a table close to the window where direct sunlight will reach the glass.
3. Place the paper on the floor in front of the table and in line with the glass. Move the paper back and forth until you see something interesting. Mark your observations on the paper.

Questions

Describe the appearance of the light from the flashlight or window that is on one side of your glass of water.

Describe what you observed on the paper. What do you think happened?

What color is light?