

Colors of the Sky - Why is the sky red at sunset?

Materials: 2 liter filled with water, flashlight, white computer paper, powdered coffee creamer

Directions: Follow the directions below noting only your observations. Then, use your observations to draw a conclusion about what the coffee creamer is doing to the light.

Predictions: What will happen when you shine the flashlight through the water? Describe what you think you might see.

1. Shine the flashlight through the water. What color is the light shining on the paper?

2. Add a pinch of the powder to the water and shake the bottle to mix it. Shine the flashlight through the water. What color is the light shining on the paper?

3. Add another pinch of the powder to the water and shake the bottle to mix it. Shine the flashlight through the water. What color is the light shining on the paper?

4. Add another pinch of the powder to the water and shake the bottle to mix it. Shine the flashlight through the water. What color is the light shining on the paper?

5. Conclusions: _____
