



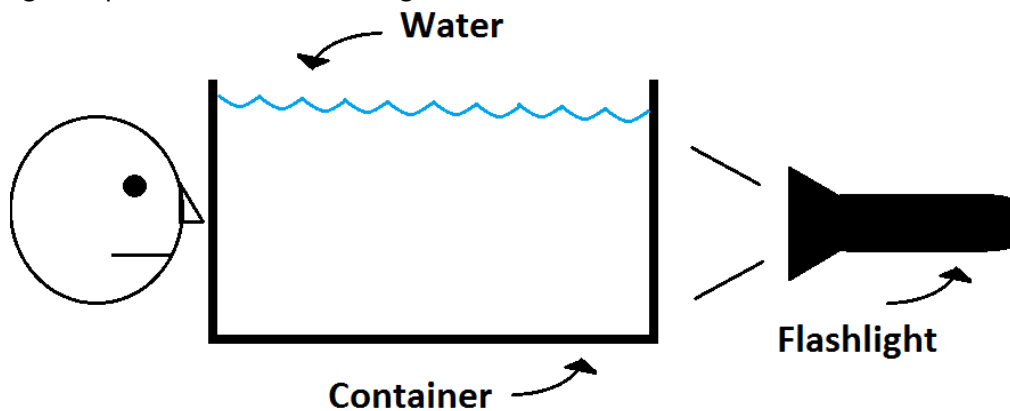
Activity: Light Scattering Mini Lab

Materials

- Clear, plastic container
- Water, enough to fill the container $\frac{3}{4}$ ths of the way
- Flashlight
- A few drops of milk (powdered milk also works)
- Spoon or stir rod

Directions

1. Fill the container with water and place a flashlight on the end.
2. Add a few drops of milk to the water and give it a stir.
3. Look through the plastic container at the light source



Claim-Evidence-Reasoning

Claim – Which color is scattered by the milk particles in suspension in water?

Evidence – What is the difference between the light from the flashlight and the color of the water and milk mixture?

Reasoning – How do the suspended particles change what you see?
