

Experimental Design

SSSS 2013

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* This experiment is designed for practicing at your house. I tried to use common household materials 😊

Your topic will be to explore the effect of refraction of light going through different fluid mediums. Light is made of waves, and when it passes through different mediums, the waves are turned and bent. This causes us to see the image in the liquid at a different angle.

Materials

- Glasses or clear plastic cups
- Water
- Other Liquids: Oil, Soap, Fruit Juice, Milk, etc.
- Food Coloring
- Straws, Pencils, Spoons, etc.
- Ruler
- Protractor
- Paper Towels for Cleanup

