

# Sample for Physical Science - Light Curriculum Web

(Stay on a topic)

## Properties:

- Visible
- Illuminate
- Reflect
- Refract
- Disperse

## Sources:

Flashlight • Lamp  
Light table • Projector  
Light Bright  
Sun • Moon • Fire  
Firefly

## Color:

Light • Dark  
Shadow • Silhouette  
Shade • White  
Clear • Brightness

# Energy: Light

## Tools / Mediums:

Environment  
Magnifying Glass  
Mirror • Lens  
Filter • Prism • Foil

## Color Mixing:

Red • Yellow  
Blue

## Experiments:

- Examine & rebuild a flashlight
- Shine light through diff. materials: foil, filters, paper, solids, liquids, etc.
- Trace shadows in sun @ diff. times
- How shadows change (multiple sources)
- Observe light through filters

## Characteristics of objects:

- Transparent
- Opaque
- Reflective
- Translucent  
(light, but no shapes)