

# WHY IS THE SKY BLUE?

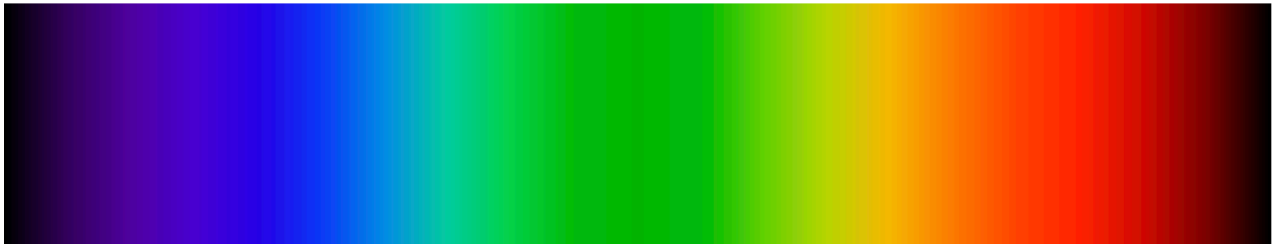
## Rainbow Activity

Light is a mixture of colors. We are able to see all of these colors when light passes through droplets of water because the water bends the light. This is what makes a rainbow. Follow the instructions to create your own!



### MATERIALS:

a shallow pan or bowl  
water  
a flashlight or sunlight  
a white piece of paper  
a mirror



**1** Fill the pan or bowl about half full with water.

**2** Place the mirror in the water at an angle.

**3** Shine the light into the water where the mirror is under water. (You can also bring the pan or bowl, and mirror outside so the sun can shine on the mirror under water.)

**4** Hold the white paper above the mirror, and adjust its position until you see a rainbow appear!



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