

Name: _____ Date: _____

Exploring Light Properties

Station 1 instructions: Make sure the mirror is at an angle inside the water jar. Near a white wall, shine the flashlight onto the mirror, through the side of the glass. A rainbow should appear!

(Hint: Changing the angle of the flashlight shining on the mirror may enhance the rainbow.)

From what you know about refraction, what do you think is happening?

Station 2-4 instructions: First predict whether light will be absorbed, reflected, or transmitted. What color do you expect the resultant light to be? Use the flashlight to test your hypothesis.

Item	Prediction	Results
aluminum foil		
plastic saran wrap		
wax paper		
mirror		
finger		
cheek		
leg		
red tissue paper		
blue tissue paper		
green tissue paper		
notebook paper		
cardboard		