

LEARNING HOW LIGHT WORKS



Seeing Color



NAME _____

TEACHER'S NAME _____

SCHOOL _____

Learning How Light Works: Seeing Color

Each activity will be followed by a group discussion.

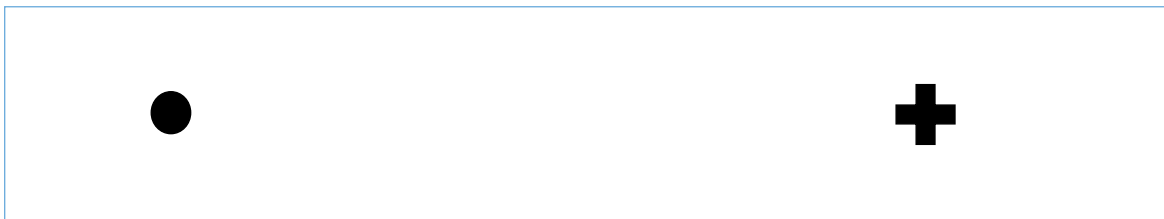
Activity 1: Make an image

Describe the image you saw on the wall.

Was it clear or blurry?

Right side up or upside down?

Activity 2: Find your blind spot



Did you find your blind spot?



Activity 3: Rods or cones?

Why can't you see color when you look at something "out of the corner of your eye"? What kind of sensors are you using, rods or cones?

Activity 4: What color are my shoes?

What should Mr. Jones do when he gets dressed so he can see the color of his shoes? Why?

Activity 5: What color:

Color of candy with white (room) light	Color of light you used	What color did the candy appear?

Activity 6:Presto Change-o!

What did you see when you looked at the white paper? What color was it?



Activity 7: Red Squares

Does the red square look the same or does one look more orange? Which one?

Activity 8: Dull and Dancing

Describe the difference in how the red squares appear on white and on violet.

Conclusions

Draw a picture of your eye showing the cornea, iris, lens, retina and optic nerve.

Describe your own "Homage to a Square". What colors did you use? Did you notice any surprises in the way colors looked when combined?

