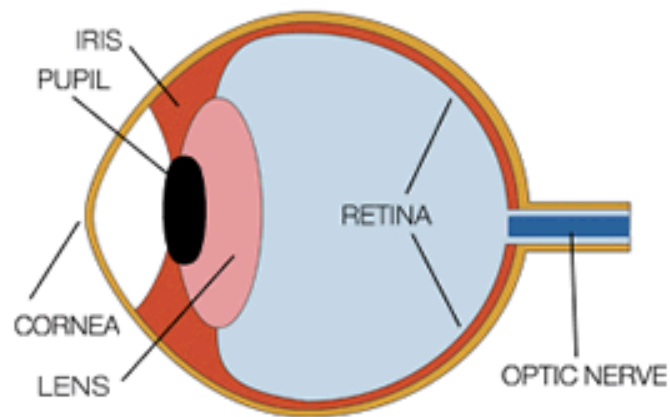


Station 2: Color Articles

1. Read choose one of the two articles. Read this article with your partner. Write 3 main points in your science notebook (RIGHT).
2. When the pair across from you is also done, share out the main points from your articles.
3. On a piece of white paper, choose the MAIN idea you wrote down. Draw that 1 summarizing image along with an explanation of the image (1 per pair).



Station 3: Color, color, color

In this station, explore different colors and how they interact and mix with one another.

1. First, complete the worksheet mixing and experimenting with different colors.
2. Glue this sheet on the left side of your notebook.
3. When complete, with your partner make a work of art that uses every color of the rainbow. EXPLAIN AT THE BOTTOM OF YOUR ART WORK WHY YOU ARE ABLE TO SEE ALL OF THESE DIFFERENT COLORS. What happens to white light as it hits different objects? Why is an object green, blue, etc.?



Station 1: Prism Art

1. With a partner, shine the flashlight through the prism. Keep rotating the flashlight and prism until you see the refracted light shine through as the colors of a rainbow.
2. Take turns creating a piece of art that was made from tracing and coloring the colors made by your prism. Fill up your entire sheet of paper.
3. Include a key at the bottom of your art work that shows the approximate wavelengths of each color. For example red's wavelength is about 700 nanometers long.

Finally, write a short summary on your sheet explaining:

1. **WHY** light is refracted through a prism?
2. **WHY** are the colors of the rainbows always in a certain order?

