

Please use the following resources to learn about how our eyes function.

Watch this Video: https://www.youtube.com/watch?v=i3_n3lbf1c

Answer these questions:

- What does the iris do for the eye?
- Where in the eye are the cells that detect light?
- How is our brain involved in sight?

Activities: Follow these directions to test out how much your brain impacts what we see! There are 3 activities; you may do all of them or just one.

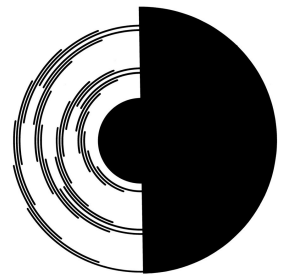
You will need:

<p>Circles or Ovals?</p> <ul style="list-style-type: none"> • Two sheets of white paper • Transparent tape • A well-lit white wall, or sheet of paper 	<p>Hole in Your Hand</p> <ul style="list-style-type: none"> • 1 sheet of white paper • Transparent tape 	<p>Benham's Disk</p> <ul style="list-style-type: none"> • White card stock (thick paper) • Scissors • Black marker • Push pin • Pencil (attach the disc to the eraser side of the pencil with the tack- then spin)
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[Circles or Ovals?: Perception & Vision Science Activity](#)

[Hole in Your Hand: Perception & Vision Science Activity](#)

[Benham's Disk: Perception & Color Science Activity](#)



Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** What we see (vision) is impacted by both our eyes and our brains.
 - **Evidence:**
 - **Reasoning:**
2. **Claim:** We can use optical illusions to understand how our brains see.
 - **Evidence:**
 - **Reasoning:**