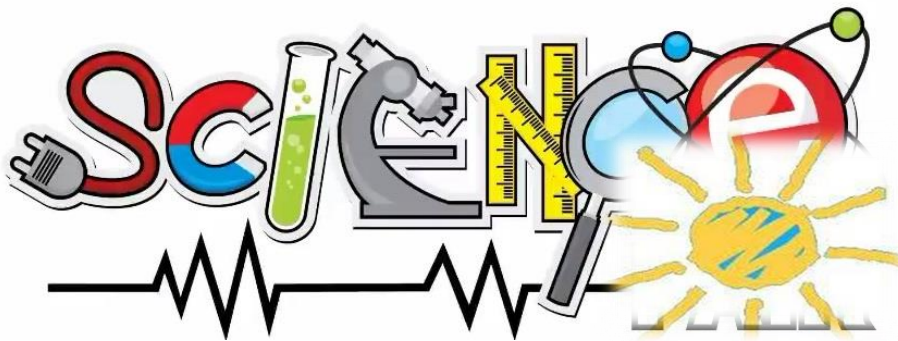




Name \_\_\_\_\_

# 4<sup>th</sup> Grade Science Remote Learning Packet

## Week 6



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

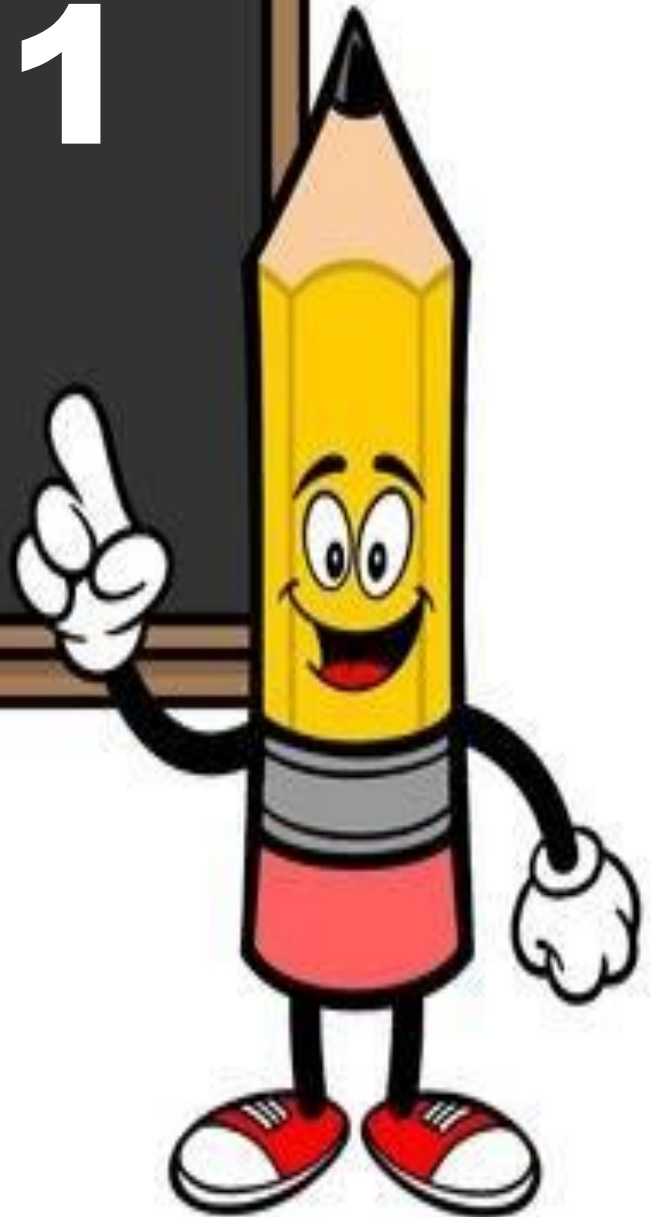
\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

Parents please note that all academic are also available on our website at [www.brighterchoice.org](http://www.brighterchoice.org) under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.



# Day # 1



Name: \_\_\_\_\_ Week 6 Day 1 Date: \_\_\_\_\_

BCCS-B

Hampton Howard Morehouse

**Guided Notes: Human Machines, What do blind people see?**

**Vocabulary:**

1. **Pupil:** the small, \_\_\_\_\_, round area at the \_\_\_\_\_ of the eye
2. **Iris:** the \_\_\_\_\_ part of your eye
3. **Cornea:** the clear \_\_\_\_\_ covering of the eyeball
4. **Lens:** the clear part of the eye that \_\_\_\_\_ light to form clear \_\_\_\_\_
5. **Retina:** the sensitive tissue at the \_\_\_\_\_ of the eye that \_\_\_\_\_ images and \_\_\_\_\_ signals to the brain about what is seen
6. **Optic Nerve:** carries the image formed by the retina to the \_\_\_\_\_, which interprets them as images
7. **Dissection:** to \_\_\_\_\_ (a plant or dead animal) into separate parts in order to study it

**Video Notes and Discussion Questions:**

As you are watching the video explorations, take notes or answer the discussion questions.

Exploration 1: Notes-- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Exploration 2: Discuss—Why **do you think** some people have problems with vision? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Exploration 3: Notes-- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Exploration 4:** Discuss—Look at the eyes, and the eyes of the person next to you. What's the same?

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What's different? \_\_\_\_\_

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Do you think that any of the differences could explain why some people have trouble with vision, or not (explain your answer) \_\_\_\_\_

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**Exploration 5:** Notes-- \_\_\_\_\_

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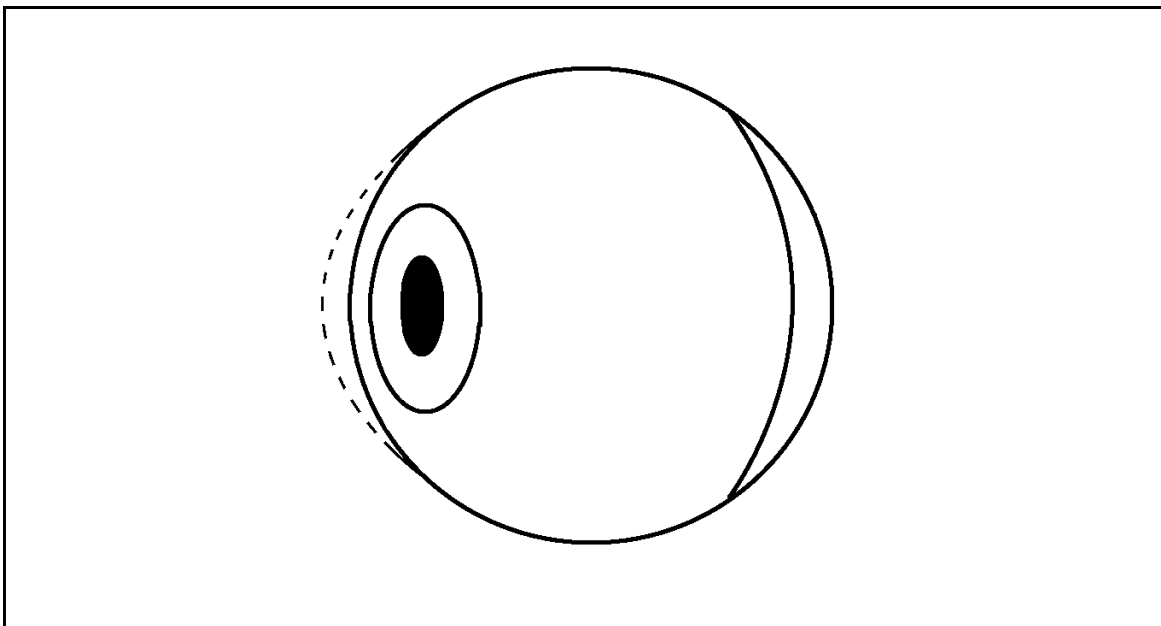
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**Exit Ticket:**

1. How does light enter the eye? On this drawing of the eye, label the *retina*, *cornea-lens*, *iris*, and *pupil*. Then use a big **arrow** to show where light enters the eye.



Name: \_\_\_\_\_ Week 6 Day 1 Date: \_\_\_\_\_

BCCS-B

Hampton Howard Morehouse

**Activity: Human Machines, What do blind people see?**

**Discussion Questions:**

1. **STEP 17:** Using the eye model, can you explain why some people, like Doug, have blurry vision? HINT: Think about what you did to make the picture blurry.

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2. **STEP 18:** What do you think will happen if you take the cornea lens out of the eye? \_\_\_\_\_

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3. **STEP 19:** Are you able to make a picture on the retina once the lens was taken out of the eye?      YES      or      NO

4. **STEP 20:** Using this eye model, can you explain what would happen if you were born without a cornea lens? \_\_\_\_\_

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5. **Exploration 6:** Take some notes during this section: \_\_\_\_\_

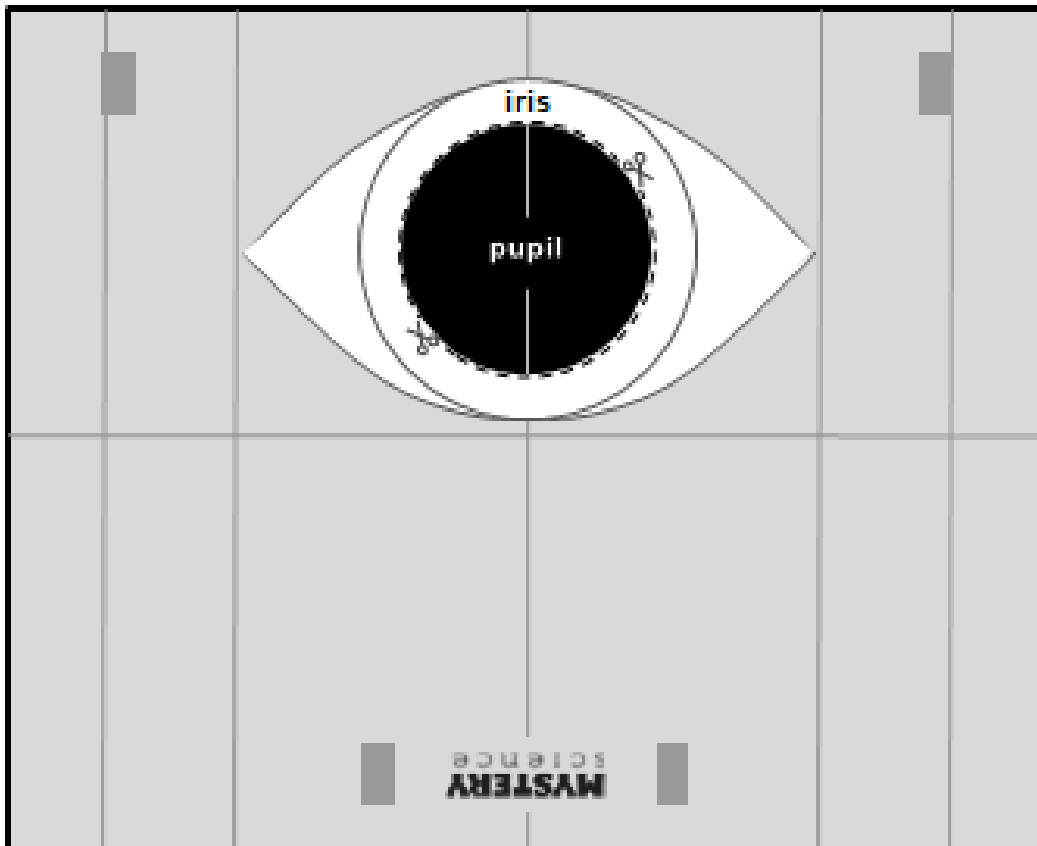
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# Front of the Eye



Name: \_\_\_\_\_ Week 6 Day 1 Date: \_\_\_\_\_

**BCCS-B**

**Hampton Howard Morehouse**

**Human Machine** Mystery 2: What do people who are blind see?

## End of Mystery Assessment

1. Why do some people have blurry vision?

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2. What would happen if your cornea-lens were cloudy instead of clear? What would you see?

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