

## Sensation and Perception Web Quest

Go to: <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/V/Vision.html>

1.) Define and explain the following parts:

- a. iris
- b. pupil
- c. retina
- d. Rods—be specific—scroll down
- e. Cones—be specific—scroll down
- f. Lens
- g. Cornea

*Go To: <http://faculty.washington.edu/chudler/chsense.html> and answer the questions/perform the tasks that follow.*

*Click on the eye and scroll down and try out the various blind spot activities.*

2.) Why do humans have blind spots?

*Continue scrolling until you get to the portion titled "Afterimages." Click on the link, "interactive demonstration of after images."*

3.) Follow the instructions in this demonstration. What happened?

4.) Why does the "after image" appear?

*Go back to the main vision page. Scroll down to "Context" and follow the instructions.*

6.) How does context affect our outlook?

Go To: [http://psych.hanover.edu/Krantz/sen\\_tut.html](http://psych.hanover.edu/Krantz/sen_tut.html)

7.) What is size constancy?

8.) Draw an example. (you don't have to be an artist)

Go to: <http://allpsych.com/psychology101/sensation.html>

9.) Define the following concepts:

- a. Absolute threshold
  
- b. Difference threshold
  
- c. Just Noticeable Difference
  
- d. Weber's Law

Go To: [http://www.kidshealth.org/kid/htbw/htbw\\_main\\_page.html](http://www.kidshealth.org/kid/htbw/htbw_main_page.html) Select the ear from the scrolling list of topics. Click on articles and select, "the ear."

12.) How do we hear? Be sure to include the parts of the ear in your description.

Go to: <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/T/Taste.html>

13.) Discuss some of the properties of the taste system.

14.) Researchers have identified a fifth taste. What is it called and what flavor does it detect?