

Due June 4, 2007  
Understanding Human Senses  
Culminating Assignment

Over the course of the past couple of weeks we have been examining the way the human senses work. We have mapped the distribution of taste receptors on the tongue and learned about the connection between taste & smell; studied the skin's sensitivity to hot and cold; discovered that skin sensitivity varies on different parts of the body; tested our ability to locate the source of a sound; and assessed the limitations of our sight; and measured reaction time (the time it takes for the brain to respond once the senses to detect a stimulus).

Please answer the questions that follow in paragraph form. Write one paragraph in answer to each question. Each paragraph should: contain a topic sentence; develop the topic sentence using examples, facts, and detail; include connections between one sentence and the next; and follow a logical sequence.

1. Describe how the nervous system receives and processes sensory input from each of the five senses.
2. How are the sense of taste & the sense of smell related?
3. What surprised you most about your sense of taste? Why?
4. What surprised you most about your sense of touch? Why?
5. What surprised you most about your sense of hearing? Why?
6. What surprised you most about your sense of sight? Why?