

## Endocrine System Introduction Handout

As you work your way through the endocrine system introduction presentation, answer the following questions to help you collect the relevant information.

1. What are the four body systems that work together in maintain homeostasis? Briefly describe the function of each.

2. What is the endocrine system? What is its purpose and components?

3. Compare and contrast the nervous system and the endocrine system.

Nervous System

Endocrine System

4. Name and describe the steps of the various different pathways of the endocrine system. Give examples of stimuli that occur in each of these pathways.

5. What are hormones? What are the steps in which they send signals?

7. If a particular hormone, such as the hormone that stimulates the development of facial hair, is released throughout the bloodstream, why does it not affect all the cells in the same way?