# Chapter 36; Units 1-5

#### Learning Objectives:

* Biology 2 (II.7): Compare the structure of nutrient procurement and processing systems in plants and animals.
* Biology 2 (II.8): Describe the structure and function of the nervous system, the musculoskeletal system, the respiratory system, and the mechanisms of internal transport and regulation in various organisms**.**

**Project 1:**

Complete the end of the chapter “Review Questions”. Make sure to answer each question thoroughly and include page numbers from the text where the answers can be found. Be prepared to discuss your answers in a group setting during class.

**Project 2:**

Complete the end of the chapter “Critical Thinking Questions” according to your group number. You will be sharing your responses with members from the other groups during class. (This is a modified “Jigsaw” method. To use this “Jigsaw” have everyone meet in their groups for a specified amount of time. While they are discussing their responses/ideas separate everyone into new groups so that each new group has a representative from the original group. Have the new groups meet for a specified amount of time to share their responses/ideas. This way each person holds a piece of the overall puzzle.)

Group 1: 24-26

Group 2: 27-29

Group 3: 30-33

Group 4: 34-37

**Project 3:**

Create a concept map or flowchart that highlights the similarities and differences between the various sensory systems.

**Project 4:**

Type a short essay comparing and contrasting the use of pheromones in four different animal species.

**Project 5:**

Create a PowerPoint presentation that shows and describes a sensory disease/disorder (color blindness, deafness, tactile sensitivities, etc.) Make sure to include how the disease/disorder alters the bodies processing and functionality of the nervous system. Be prepared to share your presentation in class.