**Respiratory System and Digestive System Study Guide**

[Textbook pages: Respiratory System 425-438, Digestive System 453-467]

1. The Respiratory System
   1. Be able to label a respiratory system diagram with the following terms: (handout)
      1. Nostrils, nasal cavity, oral cavity, pharynx, larynx, trachea, right main bronchus, left main bronchus, right lung, left lung, diaphragm
   2. The main function of the respiratory system is to get oxygen into the bloodstream and carbon dioxide out.
   3. The path that air travels to get into the lungs = nasal and oral cavity, pharynx, larynx, trachea, large bronchi, small bronchi, bronchioles, alveoli. (handout)
   4. What are alveoli? What role do alveoli play? (handout)
   5. Know the difference between the following lung volumes: tidal volume, vital capacity, and residual volume. (handout)
   6. The epiglottis is a flap of cartilage that protects your airway when you swallow. (handout)
   7. The vocal cords are located in the larynx.
   8. The two major muscle groups involved in breathing are the diaphragm and the intercostal muscles (muscles between the ribs).
2. The Digestive System
   1. Be able to label a digestive system diagram with the following terms: (handout)
      1. Tongue, oral cavity, salivary glands, pharynx, esophagus, stomach, small intestine, large intestine, appendix, rectum, anus, liver, gall bladder, and pancreas.
   2. Know the functions and contributions of the following different parts of the digestive system: (handout)
      1. Esophagus, stomach, small intestine, large intestine, salivary glands and saliva, teeth, pancreas, liver and gall bladder and bile.