

# Chapter 1: Bones, Muscles, and Skin

The students have been given their 2nd textbook of the school year, Human Biology and Health, by Prentice Hall Scientific Explorer. For the next 6 weeks or so, they will be working in Chapter 1: Bones, Muscles, and Skin. They will be learning about body organization and homeostasis, the skeletal system, diagnosing bone and joint injuries, the muscular system, and the skin.

Reading notes and outlines will be given to the students in order to help foster an understanding of the printed materials. We will discuss each section, in detail, during subsequent class periods. Graded assessments for each section of the chapter will follow class discussions.

The students will have several Labs/Activities that deal with a Microscopic Slide discovery pertaining to the viewing of prepared slides...human blood smears, mammal elastic cartilage, mammal compact bone (ground), mammal skeletal muscle, and human simple cuboidal epithelium; How Does the Body Respond?; a writing assignment explaining how body systems work together; classifying types of joints and their motions; What Do the X-Rays Show?; A look Beneath the Skin; How Do the Muscles Work?; Get a Grip...how skeletal muscles work; What Can You Observe About Skin?; and Sweaty Skin.

A quiz will be given to "test" the knowledge of each individual student on their ability to label the major bones of the body. Another quiz or two will be given to keep the students "on their toes."

The Chapter project will be a Skeleton Project...the students will trace 15 templates, shade them in, correctly spell the bone(s) and label it/them correctly, and put the templates together in the correct order. This project will be done during several class periods.

At the end of the chapter, students will be given a comprehensive study guide that we will discuss in class. A Chapter Test will conclude this particular course of study.