

Unit 2 Outline – Chapter 6 (p. 116 - 129)
Integumentary System

Anatomy and Physiology – Mrs. Michaelsen

Chapter Objectives:

1. Describe the general functions of the skin.
2. Compare and describe the structure and function of the epidermis and dermis (be detailed and specific about each).
3. Explain the different ways in which skin color is determined.
4. Describe the anatomy and physiology of each accessory structure of the skin (nails, hair follicles, sebaceous glands, sweat glands, receptors).
5. Explain the homeostatic mechanism of body temperature regulation.
6. Using the Topic of Interest found on p. 126 and the notes from lecture, explain the different types of burns, how to estimate the extent of a burn injury.
7. Describe the tissue response to inflammation and the activities that are necessary to heal a wound in the epidermis compared to one in the dermis.

Other Assignments/Activities:

- Coloring – The Integumentary System
- Lab activity – Observing Skin Sensitivity

Website: Access at <http://www.chetekhighscience.yolasite.com>

- Complete the Understanding Vitamin D Deficiency article review found at the website above. Email the completed assignment (word document) to Mrs. Michaelsen at denisemichaelson@chetek.k12.wi.us by 3:30 pm on Friday, October 16, 2009.
- Note: Upon completion of the unit test, you will begin a disease research project titled “I’ve Got What?” You will each choose a different skin disease to research and create a PowerPoint that will be presented to the class. There will be instructions given before we begin the project and time will be spent in the computer lab to research and create your presentation.