

Subject: Human Anatomy and Physiology

Topic	QCC Objectives	Time	Resources	Activities	Evaluation
<u>Orientation to Human Body</u> 1-Overview 2-Levels of organization 3-Overview of systems 4-Life functions 5-Survival needs 6-Homeostasis 7-Anatomical terms 8-Planes, sections, cavities 9-Lab equipment 10-Lab skills and safety	HAP 4 Analyzes organization of the human body using appropriate anatomical terminology HAP 4.1 Distinguishes between the terms anatomy and physiology HAP 4.2 Describes the levels of body organization HAP 4.3 Assesses the relationships between organs and organ systems HAP 4.4 Describes the anatomical positions and body regions when comparing the relationships of body organs and structures HAP 4.5 Identifies mechanisms of homeostasis HAP 1 Uses science process skills in laboratory or field investigations, including observation, classification, communication, metric measurement, prediction, inference, collecting and analyzing data HAP 1.1 Designs and conducts a scientific experiment that identifies the problem,	7	-Text, Ch 1 (AWL Essentials of Human Anatomy & Physiology) -T/M worksheets -T/M lab	-Lecture/notes/discussion: def. of anatomy/physiology, levels of organization in body, overview of body systems, life functions, body needs, homeostasis and control mechanisms, anatomical terms, body planes/sections/cavities -Worksheets to label: body planes, body cavities -Anatomy terminology worksheet -Demo: names, functions of common lab equipment -Demo: common lab skills (incl. measurement, use of microscope) -Demo and lecture: lab safety review -Lab: Autopsy of a dill pickle (T/M) -Selected review questions, p 20	-Lab report -Test on Ch 1, lab skills, equipment, and safety