

Anatomy and Physiology Honors

Welcome to Anatomy & Physiology! This course is a deep dive into the anatomical structures that make up your body and how they function together. You will be learning about cells, tissues, bones, muscles, and organs through a variety of microscope activities, model building, dissection, and review activities designed to help you learn the enormous amount of vocabulary, concepts associated with this course. Along the way we will be learning about many diseases, disorders and injuries that may occur to the systems, organs and structures that we cover.

Your summer assignment is a review of cells and their associated structures and functions. Much of this assignment may seem familiar as you probably learned these topics freshman year in Living Environment, but not in the detail presented in this text (ex. cell organelles, diffusion, cell cycle and protein synthesis). Some of it will be new and may be challenging the first time you read it over (ex. membrane potential, and cell junctions).

The summer assignment will probably take somewhere between 2-4 hours to read and complete. Break it up into ½ hour intervals over a few days. The summer assignment will count as the equivalent of 5 homework assignments in your first quarter grade. It is due on Friday September 8. Late assignments will be accepted until Friday September 15, for ½ credit.

If you get stuck, need help, or have a question please email Mr. Hughes or Mr. Sharif for assistance.

Enjoy your summer and we look forward to
seeing you in September!

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