

Powell High School Honors Biology

Summer Assignment

Welcome to Honors Biology! In order to proceed in this course, you must complete the flashcards and turn them in the first week of the class. During the first week of the semester, you will also be given a quiz covering this content. The flashcards will count as the first test grade of biology.

Honors Biology is an introductory science course taught at the honors level. Due to the amount of content that needs to be covered during the class, the summer assignment introduces terms that will help during the year and cover a topic that should be review for all students. To complete this assignment, you may use ANY resources that you wish. You may even collaborate with each other, but I absolutely do not want to see identical work from any students! Students with plagiarized or copied work will receive a grade of a zero on the assignment. It is called an Honors course for a reason. If you are copying work, that is not very honorable.

Again, make sure to complete the entire assignment. If the assignment is incomplete or not turned in, you will receive a grade of a zero, and this counts as a test grade. The best advice, DO NOT wait until the end of summer to start working!!

I look forward to seeing you next school year!

Julie Liford

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Make flash cards for the following cellular organelles and Latin root terms. For the organelles, one side list the term, on the flip side, write the function and draw and color the organelle. For the Latin terms, one side list the term and on the flip side list the meaning. Flashcards are due the first week of the class. This assignment counts as a test grade. You will have a quiz over this material the first week of school.

Organelles:

Nucleus	Smooth Endoplasmic Reticulum
Nucleolus	Golgi Body/Apparatus
Cell Membrane	Ribosomes
Rough Endoplasmic Reticulum	Mitochondria
Lysosomes	Chloroplast
Cytoplasm	Cell Wall
Vacuole	Cytoskeleton
Flagella	Cilia

Latin Roots:

a, an	auto
amphi	bi
angio	bio
anti	carn
arthro	chloro