Powell High School
Honors Biology I
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 simply be review-work for all students. To complete this assignment, you may use ANY resources that you wish. You may even collaborate with each other, but, absolutely, do not submit identical work as other students! Students with plagiarized or blatantly 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 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!!

We look forward to seeing you next school year!

Robin Jarman & Will Roberts

Summer Assignment Honors Biology

Make flash cards (3x5 index cards) for the following cellular organelles and Latin root terms.

For the organelles, on one side list the term, on the flip side, write the function ***and*** draw and color the organelle. (5 points each: 1 point for organelle name, 2 points for function, 1 point for drawing, 1 point for coloring) = **80 points**

For the Greek / Latin terms, on one side list the term and on the flip side list the meaning. (2 points each) = **20 points**

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	cytoplasm	Golgi Body/Apparatus
Nucleolus	lysosomes	Ribosomes
Cell Membrane	chloroplast	Mitochondria
Cell Wall	cilia	Cytoskeleton
Vacuole	flagella	
Rough Endoplasmic Reticulum	Smooth Endoplasmic Reticulum	

GREEK / LATIN ROOTS

A-, an-	bio-	ex-
anti-	carn-	hetero-
auto-	chloro-	homo-
bi-	endo-	photo-
hypo-	-phil	pro-
hyper-	-phobia	macro-
micro-	mono-	