

Summer Information for Honors Biology

1. There is no official summer assignment. However, there are standards from middle school that you are expected to know or at least be familiar with. Each unit begins with a brief review of those standards, but it is a good idea to review them over the summer. Here are ten that will give you a great foundation for a successful, stress free year in honors biology:
 - Scientific method – identify independent & dependent variables and constants
 - Difference between scientific theory and scientific law
 - Scientific theory of atoms – properties of subatomic particles (p, n, e)
 - Scientific theory of cells – know the three parts
 - Compare and contrast prokaryotic and eukaryotic cells
 - Compare and contrast plant and animal cells (organelle functions)
 - Compare and contrast asexual reproduction and sexual reproduction
 - Classification system of living things (D, K, P, C, O, F, G, S)
 - Relationship between DNA, chromosomes, and genes
 - Explain the relationship between producers, consumers, and decomposers

2. SCIENCE FAIR!
 - Science fair is a requirement for all honors biology students.
 - If you have signed up to attend our summer STEM camp, you will get a great start on your project.
 - If you don't attend the camp, but still want to get started on a science project over the summer, you must email me and get your topic approved before conducting any experiment.
 - If you prefer to wait until school starts, you will have 2 ½ months during the school year to complete your project.

Contact:

Jenee Mora

Jenee.mora@yourcharlotteschools.net