

FALL SEMESTER 2021

Unit 1: The Energy of Life

- Photosynthesis
- Cellular Respiration & Fermentation
- Nitrogen Fixation

****Test on these subjects during the 6th week****

Unit 2: Structure, Function, & Growth

- Cell Processes and Structure
- Cell Growth & Division
- DNA, RNA, and Proteins



****Test on these subjects during the 10th week****

Unit 3: Agricultural Genetics

- Introduction to Genetics
- Genetic variation and Genomics
- Crop and Livestock Selection

****Test on these subjects during the 14th week****

Unit 5: Challenges in Agriculture

- Gene Technology
- Climate Change and Human Impact

****Test on these subjects will be on the final****

Unit 4: Dissection Week

- Comparative Anatomy
- Diversity of Food Availability

Fall Semester Final Exam:

The Fall Semester Final Exam, given during the 15th week December 13th - 17th, will include all material covered during this semester***Specific test dates for each unit test will be listed on the Canvas. Each test will cover the required readings from class notes, labs, homework, and in-class assignments.

Work-Life Balance is key for success in life and in this class.
Please take time in your day to focus on something that makes
you happy!

Key Things to Remember for the Year:

- Number 1 Rule: Respect everyone's thoughts, person, and property!
- It is **YOUR RESPONSIBILITY** to make up missing work. All work must be made-up within One Days of your return.
 - I will not hunt you down to get your absent work.
 - Communication is **KEY** to your success! Communicate often and early!
 - Excused absences within the One day deadline must have a comment saying "absent and the date you were absent" to receive full credit.
- **Late work** that is accepted will lose 10% percent of its initial value. Late work can be submitted up until the Unit Test. After this date, the assignment will receive a 0 but is useful to complete for final assessments and extra practice.

I welcome parent, student, and teacher communication!
Please use my email: srhatfield@hbuhsd.edu if you have
any questions or just want to talk about science!