



CONTACT INFO

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Welcome

My name is **Ms. Bradshaw**

HONORS

BIOLOGY



ABSENT?

If you are absent you will have the opportunity to make up the work that you missed. You will have one week + the amount of days you missed to make up your work.. Make up work can be completed in free class time, at home, or during tutorings (Mon-Thurs 3:30-4:30 in the media center).

Expectations

BE RESPONSIBLE

Come to class on time and be prepared with class materials. Follow class rules and procedures. Be present. Make up work is before or after school.

BE RESPECTFUL

Respect yourself, your peers, your teacher, and class supplies. Respect is the foundation of this classroom! No cell phones, food or drink in the science lab.

DO YOUR BEST

Put effort into your work and participate in class. It's ok if you try and fail but it's not ok to fail to try! #QUITCHEATING #WORKHARD #NOLATEWORK

SUPPLY LIST

- Chromebook
- Pen/Pencils
- Glue Sticks
- 1 Composition Notebook
- (1) 5 subject ringed notebook (9X11 Inches)
- Colored pencils
- Hand sanitizer

Text Books
-Pearson biology (\$107.47)
-Survival of the Sickest (\$15)

(Students are responsible for books that they check out. They will be given an Indebtedness notice if not returned by the end of the year which will need to be cleared to be able to walk at graduation ceremony.)

Procedures

TURN IN...

Make sure you always submit in google classroom : Late work goes in late work box

WARM-UP

Always posted on the board at the beginning of class period. Be in your seat when the bell rings

Tardies

1 st - 4 th offense: Parent contact and teacher detention 5 th offense: Parent contact and administrative detention 6 th offense: Parent contact and 1 day of administrative timeout for that class period 7 th offense: Parent contact and 1 day ISS

CLEAN UP

Pick up materials, return any books or items to the correct location

"The greatest danger to our future is apathy." Jane Goodall

STANDARDS AND PACING GUIDE

Nine Weeks	Standards/Unit Topics
First Nine Weeks Course Outline:	Intro to Biology: Living organisms and virus (SB4c) and Evolution of virus (SB4c) Cells: Macromolecules (SB1c) and Enzymes (SB1c); ProKaryotes and Eukaryotes and Cell structures and organelles (SB1a); -Cell Membrane and Cell Transport (SB1a,SB1d)
Second Nine Weeks	Cells: Cellular Energy (SB1e); Cancer/Cellular Reproduction (SB1b) {mitosis,binary fission} Genetic information in cells: DNA/RNA structure (SB2a); DNA replication (SB2a); Synthesising of proteins (SB2a); Gene Mutations (SB2b); Karyotypes/Biotechnology (SB2c) <i>embedded in 2nd and 3rd nine weeks</i>
Third Nine Weeks	Genetics: Sexual Reproduction variability (SB3a), (SB3c) {mitosis vs meiosis}; Mendel's Laws (SB3 a,b); Dihybrid Crosses (SB3b); Non-mendelian genetics (SBb); Karyotypes/Biotechnology (SB2c); Chromosomal Mutations (SB2b) Evolution; Genetic Drift (SB6d), Speciation (SB6b); Natural Selection and adaptations (SB5e); Evolution (SB6d, SB6a); Evidence (SB6c); Biological Resistance (SB6e)
Fourth Nine Weeks	Organization: Classification (SB4a); speciation (SB4b) Ecology: patterns populations biodiversity (SB5a); energy flow (SB5b); {photosynthesis and respirations (SB1e)}; ecosystem stability (SB5c); human impact (SB5d); adaptations (SB5e)

Biology Standards:

SB1. Obtain, evaluate, and communicate information to analyze the nature of the relationships between structures and functions in living cells

SB2. Obtain, evaluate, and communicate information to analyze how genetic information is expressed in cells.

SB3. Obtain, evaluate, and communicate information to analyze how biological traits are passed on to successive generations.

SB4. Obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.

SB5. Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment

SB6. Obtain, evaluate, and communicate information to assess the theory of evolution.

Honors Biology 2021-2022

Syllabus and Contact Information

Please List the best way to be contacted during the day and evening hours.

Home Phone: _____

Cell Phone: _____

Work Phone: _____

E-mail: _____

I understand that the rules and requirements listed in the syllabus. I understand that my failure to uphold these rules and regulations could result in detention, parent conference, and/or referral to the administration.

Student's Name: _____

Student's Signature: _____

I understand the guidelines set in the syllabus. My child has read and fully understands the requirements in the class. I will give my child the appropriate support and guidance during the course.

Parent's Name: _____

Parent's Signature: _____

I will provide a safe, positive learning environment by upholding school policies set in the TCCHS student handbook. I will monitor your student's progress throughout the course and will provide updates on student's grades as needed.

Teacher's Names: _____

Teacher's Signature: _____