

Clear Creek High School Biology Course Syllabus 2019-2020

PURPOSE OF COURSE: The first year of biology serves as a foundational course in your academic development in high school. My focus is to not only ensure you have a strong understanding of biological concepts but to also provide you with a chance to develop analytical and problem solving skills. I also hope to instill an interest in (and maybe a love for) science along the way. I am very excited to have you in class and look forward to working with you this year.

Teacher Name: Mrs. Michelle Napier

Room Number: B211

Class Web Page: www.biologybynapier.com

Contact information: Email me at mnapier@ccisd.net
or call the Clear Creek High School main office at 281-284-1700

Our classroom pet is a Bearded Dragon named Logan. She is very friendly and may be handled. However, she is an animal and may be unpredictable. Students will be shown how to handle her properly but do not have to interact with her.

General Assessment and Grade Calculation

Daily Grades: Daily Work, Labs, Quizzes 45% (quizzes count twice)

Major Grades: Tests, Projects, Formal Lab Reports 50%

Reading/Writing Assignments: 5%

~All tests and quizzes are cumulative, which means the material can come from any unit we have covered.~

STAAR BIOLOGY EXAM This is a STAAR EOC exam course. The STAAR date for biology is during the 2nd week of May 2020.

Mandatory Materials

1. Loose-leaf notebook paper, pens, pencils
2. One composition notebooks to keep in classroom
3. Laptop (charged and ready) everyday!

Class Materials: (*optional but greatly appreciated*)

1. Ziploc bags (any size)
2. 1 pack pens or pencils
3. Glue sticks
4. Scotch tape
5. Box of tissues
6. Hand sanitizer
7. Highlighters
8. Paper towels

Online Textbook Access: Your biology textbook will be in e-book format, accessible with your laptop or home computer. To access your e-text please go to Skyward. The tab for all your textbooks is found at the top right of the page.

itslearning and Class Website – FIND YOUR ASSIGNMENTS HERE!

- You may use itslearning to find your assignments. When you go to itslearning, you will also be directed to our class website.
- www.biologybynapier.com
 - We will be using a class website this year. Students and parents can access all notes, assignments, some answer keys, etc. here. BOOKMARK this site on your computer.
 - This site also contains excellent resources for review, STAAR preparation and tutorials for class.

Skyward: Stay informed with your child's progress through the Skyward grade program online. You can be notified if your child's grade drops or if a low grade is received. You can also download the Skyward App onto your cell phone. Students are required to log into Skyward at least once a week to check their own progress.

Homework: Homework may be assigned. However, if your child does not make good use of their time in class and/or does not finish the class assignment, it will be homework. Your child should also take time on their own to study class material at home.

CLASSROOM RULES

1. Be in **YOUR SEAT** ready to work when the bell rings
2. Bring all your materials to class and fully participate **EVERY DAY**
3. Keep hands, feet, and objects to yourself
4. Listen when your teacher is talking
5. Be **COURTEOUS** and **RESPECTFUL** to others at all times (absolutely no bullying or put downs allowed)

Cellphone or Technology usage: Cell phones are not allowed in class unless approved by teacher. If cell phone or laptop is in use, only one earbud may be worn in accordance with district policy. All other technology devices must have teacher approval to be used in class.

MAKE-UP WORK & LATE WORK

-If you are absent, it is **YOUR RESPONSIBILITY** to get all work that was missed. All absent work is available in class for pick up. Class time is not the time for explanation of the work or time for working on missed work. If you do not understand the assignment, you must let Mrs. Napier know and arrange a tutorial time for clarification. Otherwise, understand the assignment or not, it is due according to the absent work policy.

-For each day you are absent, you have one day to make up the work.

-If you miss a test you need to make it up in tutorials (or another time approved by Mrs. Napier) within two weeks.

-If you know you will be absent, ask for work before you leave and/or check the class website for work (www.biologybynapier.com).

District policy on late work is as follows:

1st and 2nd day late = 75% of earned grade

3rd day late = **ZERO**

Expectations for Test: At or near the beginning of each unit you will receive an “Expectation Sheet” for the material you are responsible for in that unit. **You are responsible for completing this Expectation/Review Sheet as we progress through each unit.**
Hint: take it out every day and fill it in as we work. Completing this sheet on your own and studying it will help prepare you for the test.

Re-Test: According to district policy if fewer than 75% demonstrate mastery a retest/reassessment will be offered.

Academic Integrity: Cheating will not be tolerated in any form. You are expected to earn your own grade in this class by doing your own work. All assignments must be done independently unless approval from teacher is given. Assignments will be given zeros when cheating occurs. Cheating will result in calls home and office referrals.

Tutorials: Tuesday and Thursday from 2:30-3:15 (There are NO morning tutorials)

Please do not wait until the day before (or morning of!) a test to ask for help. Be proactive. When you do not understand something, come in and ask as soon as possible. You can also email me at any time through the website if you have questions or need help.

****Morning tutorials are not available; students are not allowed upstairs until the 7:10am bell rings.**

TARDIES

If **YOU** are not physically **IN THE CLASSROOM** when the bell rings you are tardy.

RESTROOM/ NURSE/COUNSELOR

Please try to take care of personal matters during passing periods or during lunch. You will not be allowed to leave my class the **first and last 10 minutes** of class for restroom trips. Each student receives 3 passes every 9 weeks allowing them to leave the classroom. Students are responsible for keeping these passes. If lost, they are not replaced. Once all passes are used, emergency situations will be referred to the nurse. A signed pass from the nurse is required upon return, otherwise a truancy will be reported.

1 st 9 Weeks	
Topics	SE's
Safety and Scientific Skills Safety Observations and Data Conclusions, Inference, and Predicting Trends	Process Skills
Biomolecules Biomolecule Function DNA Structure and Function Enzymes	B.6A,B B9A,C
Cell Structure and Function Prokaryote vs Eukaryote Structure and Function w/Microscope Review Homeostasis and Processes	B.4 A,B B.10C
9 Week Exams	

2 nd 9 Weeks	
Topics	SE's
Cellular Energy Conversions Respiration Photosynthesis	B.4B B9A,B
Cellular Transport Cell Membrane Cell Transport	B.4B B9A
Protein Synthesis Transcription & Translation Mutation Differentiation and Gene Expression	B.6A,C,D,E
Cell Cycle Cell Cycle, Replication and Mitosis Disruptions to the Cell Cycle	B.5A,C
Semester Exam	

3 rd 9 Weeks	
Topics	SE's
Genetics Meiosis Mendelian Genetics Non-Mendelian Genetics	B.6E,G
Natural Selection Adaptations and Nat. Selection Evidence of Evolution Drift, Flow, Recombination	B.7A,B,C,D,E,F
Taxonomy Taxonomy Domains and Kingdoms Non-cellular Viruses	B.4C B.8A,B,C B.10C
Plant Systems Transport Reproduction Response Cycles	B.4B B.10B,C B.12D
9 Week Exams	

4 th 9 Weeks	
Topics	SE's
Animal Systems Interactions of Systems Microorganisms and the Body	B.10A,C B.11A
Matter and Energy Flow Ecology, Biotic/Abiotic	B10C B.11A B12A,B,D
Environmental Changes Changes and Stability Succession Variation and Adaptation	B.11B B.12B,E
STAAR Exam Review	ALL TEKS
STAAR EOC Exams BIO and ALG 1	
Invertebrate and Vertebrates	B.8B B.10A,C
Semester Exams	

Please sign the attached page indicating that you have read this syllabus.

Detach this page and return it to Mrs. Napier.
Keep the first sheet in your class composition book for reference.

Parent recognition of receiving the 2019/20 Biology Syllabus

By signing below, you are indicating that you have read the syllabus and are aware of the class expectations.

Student Name (printed)

Student Signature

Date

Class Period: _____

Parent/Guardian Name (printed)

Parent/Guardian Signature

Date

Return this page to Mrs. Napier.
The first page can be put in your composition notebook or kept at home.