

Clear Creek High School Biology Course Syllabus 2018-2019

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**

General Assessment and Grade Calculation

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

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

Reading 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 2019.

Mandatory Materials

1. Loose-leaf notebook paper, pens, pencils
2. TWO 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. Expo markers
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 <http://my.hrw.com>. Do NOT put www. **Username:** ccisdStudent ID with leading zeros if applicable (ex. ccisd 0001234567) **Password:** Ccisid123 (please note it is case sensitive) You can also access your text through CCISD4ME.

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 on line. You can be notified if your child's grade drops or if a low grade is received.

Homework: Homework may be assigned 3 or 4 times during the 9 weeks. 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 Mrs. Napier is talking
5. Be **COURTEOUS** and **RESPECTFUL** to others at all times (absolutely no bullying or put downs allowed)

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 on the front table and you are responsible for getting the work and completing it on time. If you do not understand the assignment, you must let Mrs. Napier know the day you return 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) by the end of the following week.

-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 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. The retest for this class consists of a test analysis by the student to identify TEKS the student is weak in, preparation for the retest and then either a new test or different assignment to replace the low test grade.

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 is obvious. Cheating will result in calls home and office referrals.

Tutorials: Tuesday and Thursday from 2:30-3:15

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.

TARDIES

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

RESTROOM/ NURSE

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. Leaving the classroom is a privilege, you may be told “no” at times.

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

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

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

4 th 9 Weeks		
Approx. Days	Topics	SE's
6 days	Animal Systems Interactions of Systems Microorganisms and the Body	B.10A,C B.11A
8 Days	Matter and Energy Flow Ecology, Biotic/Abiotic	B10C B.11A B12A,B,D
10 days	Environmental Changes Changes and Stability Succession Variation and Adaptation	B.11B B.12B,F
10 days	STAAR Exam Review	ALL TEKS
2 days	STAAR EOC Exams BIO and ALG 1	
10 days	Invertebrate and Vertebrates	B.8B B.10A,C
4 days	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 2018/19 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.