



2018-2019 COURSE SYLLABUS

Biology Syllabus and Norms

Sara Fugina

classroom: B-28

phone: 916-395-5090 x506128

sara-fugina@scusd.edu

Classroom expectations are set to create a nurturing environment where we may learn about life on our planet!

Classroom Norms:

1. Be Present
2. Be Prepared
3. Be Respectful
4. Be Safe

Violating Norm Consequences*¹:

1st Offense - **Warning** - your name will be written on my clipboard and you will receive a warning note

2nd Offense - **Phone Call Home** - you will receive a second warning note and I will call home

3rd Offense - Sent out of class to discipline office*²

*1: Warnings reset at the start of each day except for extenuating circumstances

*2: Extreme sudden misbehavior may warrant a fast track to discipline office without 1st and 2nd warning

Late Work and Make-Up Work Policy

Late work and make-up work will be accepted on a case to case policy. If you need to turn in an assignment late, please *communicate with me first*. Late work will not be accepted without prior notification.

Class website: <https://sites.google.com/site/mrsfuginasclasswebsite/>

Hall Passes

Each student will receive 3 passes a quarter to use the restroom, get water or go to your locker. It will be your responsibility to keep the passes in a safe place. Lost passes will be not be replaced. Passes unused at the end of the quarter will be worth extra credit points.

Tardy Policy

Students will be expected to be in their *seat* with their course materials out WHEN the bell rings.

Students who are not in their seat when the bell rings will have their names referred to the discipline office for lunch detention. *Warnings are not given for tardies.*

Course Description

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by science majors in their first year. Students are expected to learn not by memorization of facts, but through content and concept application via the AP Biology science practices. Inquiry laboratory experiences are a substantial component of this course requiring students to apply their content knowledge to novel scientific questions.



2018-2019 COURSE SYLLABUS

Grading Policy

A	89.50 – 100%
B	79.50 – 88.49%
C	69.50 – 78.49%
D	59.50 – 68.49%
F	0 – 59.49%

Grade Percentage Breakdown

Unit Packets and Homework Assignments: 30%

Lab Write-Ups/ Collaborative Assignments: 20%

Class Participation: 10%

Exams, Quizzes and Unit Projects: 30%

Final Exam: 10%

I have read the syllabus and understand the classroom norms and expectations of me in this class.

Printed Student Name:

Student Signature:

Parent Signature:



2018-2019 COURSE SYLLABUS

Biology 2018-19 *Subject to change and delivered in a different order*

Unit	Assessments
Classroom Expectations and Laboratory Safety	<ol style="list-style-type: none"> 1. Unit Packets 2. Laboratory Safety and Classroom Expectation Quiz
Structure and Function - Cells to Organisms <ol style="list-style-type: none"> a. Is it alive?! b. Cell Division: Mitosis and Meiosis c. Tissues, Organs and Systems d. Homeostasis 	<ol style="list-style-type: none"> 1. Unit Packets 2. CER Essay Quiz 3. Cell Project Choices 4. Graphic Novel 5. Human Anatomy Project Choices 6. Homeostasis Quizzes
Organization for Matter and Energy Flow in Organisms <ol style="list-style-type: none"> a. Matter and macromolecules b. Photosynthesis c. Cellular Respiration 	<ol style="list-style-type: none"> 1. Unit Packets 2. Macromolecule Quiz 3. Children's Book-Model of Photosynthesis 4. Poster Presentation on Cellular Respiration 5. Photosynthesis and Cellular Respiration Quiz
Interdependent Relations in Ecosystems <ol style="list-style-type: none"> a. Populations b. Abiotic and biotic factors 	<ol style="list-style-type: none"> 1. Unit Packets 2. Carrying Capacity Activity and Assessment
Cycles of Matter and Energy Flows in Ecosystems <ol style="list-style-type: none"> a. Carbon Cycle b. Nitrogen Cycle 	<ol style="list-style-type: none"> 1. Unit Packets 2. Carbon Cycle and Nitrogen Cycle Quiz
Ecosystem Dynamics, Functioning and Resilience <ol style="list-style-type: none"> a. Conservation Biology b. Social Interactions and Group Behavior 	<ol style="list-style-type: none"> 1. Unit Packets 2. Human Impacts Engineering Design Project
Inheritance and Variation of Traits <ol style="list-style-type: none"> a. Variation of Traits b. Central Dogma of Molecular Biology c. Mechanisms of Evolution d. Role of DNA in Inheritance e. Probabilities and Populations 	<ol style="list-style-type: none"> 1. Unit Packets 2. CER Essay Quiz 3. DNA Quiz 4. Problem Solving Quiz
Evolution <ol style="list-style-type: none"> a. Evidence for Common Ancestry and Diversity of Living Things b. Natural Selection c. Adaptation and Biodiversity 	<ol style="list-style-type: none"> 1. Unit Packets 2. Map Model 3. CER Essay Quiz