

Biology Syllabus

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BIOLOGICAL CONCEPTS

- A. Matter and Energy Transformations in Ecosystem Instructional
- B. Interdependent Relationships in Ecosystems
- C. Human Activity and Climate
- D. Human Activity and Biodiversity
- E. Cell Specialization and Homeostasis
- F. DNA and Inheritance
- G. Natural Selection
- H. Evolution

COURSE GOALS

- A. All living things are interconnected - from molecules through cells, tissues, organs, individuals, populations, species, communities, and biomes.
- B. Biological concepts have a profound effect on all aspects of our lives and the lives of other organisms.
- C. Biology provides the knowledge necessary to make informed decisions about legal, ethical, and societal issues that biotechnology raises.

STUDENT RESPONSIBILITIES

- | | | |
|------------------------------------|-----------------|------------------------|
| A. Respect, Responsibility, Safety | C. Preparedness | E. Habits of Work |
| B. Attendance & Punctuality | D. Make-up Work | F. Reading Assignments |

MATERIALS

Students should bring the following items to each class:

- A. chromebook
- B. notebook/class notes
- C. pen or pencil
- D. folder

GRADES are determined by percentage of overall points accumulated by the student for the following items:

- A. FORMATIVE ASSIGNMENTS
 - a. These assignments are intended for practice, and will be marked for completion ONLY.
 - b. Examples: definitions, True/False, matching, or fill-in the blanks
- B. SUMMATIVE ASSIGNMENTS & ASSESSMENTS
 - a. These assignments will be graded for correctness.
 - b. ASSIGNMENTS include: projects, lab reports, performance tasks, homework assignments
 - c. ASSESSMENTS include: tests, quizzes, and other in class assignments

ASSIGNMENTS/ASSESSMENTS

- 1. Check the google classroom page daily.
- 2. Review your notes daily, and read the related chapter sections in the textbook (see Google Classroom for this information)
- 3. Work is typically due the following class after it is assigned, unless otherwise specified.

MAKE-UP WORK

If you are absent, you are expected to check the Google Classroom website & to contact me (via email/in person) to discuss making up work.

- **Summative assignments:**
 - DUE DATE - the date when an assignment is expected to be turned in.
 - Assignments that are handed in **AFTER THE DUE DATE** will have **2 points deducted for each day** that the assignment is late.
 - Assignments that are more than 1 week late will not be accepted, and they will be entered as zeros in the gradebook.
- **Summative assessments:**
 - ASSESSMENT DATE - the date when all students are expected to sit for and complete an assessment.
 - RETAKE PROCEDURE - In order to be eligible for an assessment retake a student must first meet with me once they have returned to school to determine the date for the retake

Participation & Study Tips!

These are some suggestions on what you should do to help you succeed in Biology:

1. Take notes during class. Listen for cues and write additional information that I say, not just what's on the Google Slides presentation. Review daily.
2. Do your homework the day it's assigned, while it's fresh on your mind. If you get stuck, you can reach out to me via email or we can set up a Google Meet/Zoom meeting.
3. Know your areas of weaknesses & study towards them by:
 - a. checking your answers before work is due to make sure you're doing it correctly.
 - b. redoing the worksheets (posted on Google Classroom) multiple times without your notes and use them as practice tests.
 - c. doing the study guides at least twice (once with help from notes & once w/o notes to test your knowledge).
4. Memorization is not the best strategy. Teach the material to someone. Being able to explain how something works will help you learn and retain information better. Tutoring is available after school.
5. Do the practice test for each unit multiple times. When I have you do the practice test in class, you should write the correct answers down when we check them so you'll have the answers at home.
6. Read the assigned pages, and have your notes with you as you read to follow along. Write questions to ask in class if something is unclear.
7. Make flashcards to study from.
8. Participate and ask questions in class. You tend to remember things better when you're actively involved.
9. Try rewriting notes. Sometimes it just helps to write things down a few times.
10. Don't be afraid to be wrong as long as you learn from your mistakes!

I have read, and understand the syllabus for Biology at Orange Preparatory Academy.

Student's signature

Parent/Guardian's signature

Parent/Guardian Contact Information:

Parent/Guardian 1: _____

Phone Number: _____

E-mail: _____

Preferred Method of Contact (circle one): Phone Email

Parent/Guardian 2: _____

Phone Number: _____

E-mail: _____

Preferred Method of Contact (circle one): Phone Email