

Biology Syllabus

Mrs. Boeshans

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Section 1: Class Goals:

Our goals are to study LIFE! We will begin with Ecology – the outside world and the flow of energy from producers to top consumers. Our Ecology unit will include a field trip to Cross Ranch State Park in September (maybe). From there we move into the cell and DNA/genetics over the winter. Second semester we will get into the history of life as well as how living things are classified. See detailed Scope and Sequence at the end of the syllabus.

Section 2: Classroom Expectations:

Best effort.....everyday.

Section 3: Materials Needed Daily:

A 3-ring binder, loose-leaf paper, graph paper, pencil, chromebook

Section 4: Procedures:

- Students will find their seat and get out their binders upon entering the classroom. If there are questions on assignments, students should be getting those ready as well.
- We will be using packets, which will be distributed at the beginning of each unit of instruction. Packets include notes, worksheet, labs and class activities.
- All lab areas must be clean before leaving the room.
- Late Work Policy: One day late = 90% credit; two-six days late = 50% credit; 1 week or later = no credit
- Assignments will be posted in TEAMS daily. It would be helpful to download the TEAMS app to your phone if you have one. Important files will also be uploaded to TEAMS
- Important notifications will be sent out to parents on the Remind app.

DISTANCE LEARNING PROCEDURES

- TEAMS – everything is in Teams. Everything is posted here as far as assignments and all assignments will be uploaded here.
- Apps to use on phones if possible: Teams, One Drive, Flipgrid
- Attendance is **required** and students will be held to high standards of learning.
- Use video chat in Teams to get one-on-one help from me.

Section 5: Tentative Schedule/Scope and Sequence

This is a very tentative schedule:

August: Intro to Biology

Ecology: energy flow, cycling of matter

September: Ecology: Ecosystems, Biomes, Populations, Biodiversity, Field Trip to Cross Ranch State Park

October: Cell Structure

November: Cell Energy: Cell Reproduction

December: Genetics

January: DNA

February: History of Life; Evolution

March: Classification; Bacteria and Viruses

April: Plants

May: Dissections and Finals

Please sign here after you have read the syllabus:

Student Name _____

Student Signature _____

Parent/Guardian Signature _____