

REMOTE LEARNING PLAN - PATRICK BOWMAN

SCIENCE DEPARTMENT

NORTH MAC HIGH SCHOOL

Overview

This plan is to be an overview of the process utilized in the event of “remote learning” when no teacher-student face-to-face interaction is possible for the courses of **Biology II, Physics, and Human Anatomy and Physiology.**

The Process

All information will be given/presented to students utilizing the district approved Microsoft Office365 platform of technology and the district Student Information Database (Skyward) as well as the teacher web page. For students without access to any of those features, the school district and teacher will make other arrangements to provide paper-based information to that student.

During each week of remote learning, there will be a hybrid educational process (requires work from teacher and student) utilized for the courses listed above. To begin each week, the teacher will provide all information for the week’s topic/unit of learning on the student platform of Office365. This information will include but not limited to:

1. Objectives for the week
2. Notes/information for the information to be learned by the student
3. Video link(s) to supplement the learning material
4. Problems/questions to assist learning
5. Final assessment or project for the unit

All items will have a suggested due date for completion as well as a “turn-in” method. It will be the **student’s responsibility** to view the information on the Office365 platform.

Student/Teacher Collaboration

Students will have collaboration access through the Office365 platform as well as the email system utilized by the district. This will include discussion/questions for the teacher, optional video chat with the teacher, as well as an option to collaborate with one another in the same class if needed. Contact with students will be documented by the teacher on a weekly basis.

Grading

Upon completion of the final assessment/project, the student will have the ability to turn in to the teacher for credit. This assessment will allow for feedback from the teacher to the student to ensure learning has taken place as well as lead to further learning of material if needed. This credit will only benefit the student in the event of learning material needed to move forward in the process of education.

5 Unit *Tentative* Guide to Remote Learning Topics by Course

	Anatomy & Physiology	Physics	Biology II
UNIT 1	The Brain and Nervous System	Projectile Motion	Immunity - Background
UNIT 2	Senses and the Nervous System	Momentum and Energy	Bacteria vs. Virus What is Coronavirus?
UNIT 3	Digestion and the Human Diet	The Physics of Car Crashes	Fungi vs. Algae
UNIT 4	Endocrine System, Blood & Circulation	Light, Electricity, Magnetism	Ecosystems and Symbiotic Organisms (Lichens)

***UNIT 5 - Final Exam/Project**

Pending scheduling and time, a final activity/learning project may be added to end the school year.