OBJECTIVES
Students will actively engage in the learning process and will develop an understanding of the core concepts of biology. Students will apply their knowledge of these concepts in the classroom and prepare for the NYS Living Environment Regents exam.

CLASSROOM RULES
1) Respect for all members of the classroom must be upheld at all times.
2) Students must be on time to class and prepared with materials. If a student is late to class, the student will receive detention. Cutting class will result in a 20-point deduction from the quarter grade.
3) All class assignments, labs, and homework must be handed in neatly and on time.
4) If a student is absent, the student is responsible for all assignments and missed work. The student should check Google classroom or contact Mrs. Picht by e-mail to discuss missed work. The student must present an absence pass to Mrs. Picht when he/she returns to class.
5) Class attendance at St. Francis Prep is a major priority. All students are required to complete all required work even if they are absent. If a student is absent from class 6 or more times for any given quarter, this will be considered excessive absence. This will result in a mandatory 5 point deduction from the quarterly grade. Please be advised classes missed due to lateness or early dismissal will be included in this group.
6) No food or drink is permitted in the class or lab.
7) The use of any electronic device other than the iPad must be approved by Mrs. Picht. The iPad is an educational tool. Therefore, the student is prohibited from using any video or photography functions, gaming applications, and social media at all times in the classroom. The “Air Drop” feature must be turned off at all times in the class, unless stated otherwise by Mrs. Picht. The school's iPad and electronic device policy is stated in the student agenda book. Violation of the policy will result in academic/disciplinary action.
8) All work must be completed by the individual student. Any violation of the Honor Code will result in an Honor Code referral and severe academic consequences as outlined in the student agenda book.
MATERIALS

- iPad
- Biology Electronic Textbook (found in the Pearson App)
- Prentice Hall Living Environment Review Book (purchase at the bookstore)
- SFP Lab Manual (purchase at the bookstore)
- Two three ring binders (one for class and one for lab)

GRADING POLICY

Exams – 35%
Labs – 30%
Quizzes – 15%
Homework – 15%
Class Preparedness – 5%

*The final grade will be calculated from the four quarter grades and the Biology Regents exam.

Grading Policy Description

Exams

Several exams will be given each quarter. If a student misses an exam and has documentation, the student must contact Mrs. Picht to schedule a make up exam. If a student misses more than one exam per quarter, the student will receive a zero for the exam.

Laboratory Work

In order to take the Living Environment Regents exam, each student must complete 1200 minutes of hands-on laboratory work. **A student must have a minimum of 15 satisfactory lab reports, four of which are the mandatory New York State labs. If a student does not satisfy the laboratory requirements, the student will not be able to take the Regents exam.**

All formal lab reports must be typed and turned in to turnitin.com on time. A hard copy of the lab must also be handed in with a copy of the turnitin.com receipt stapled to it. The lab reports will be kept in the student’s laboratory folder in the classroom. Graded labs are never to be taken home.
The labs will be due one cycle after the lab is completed. Late lab reports will lose 10 points per day that it is late. Laboratory reports that are plagiarized with receive a 0% for a grade and will subject the student(s) to academic/disciplinary action. **Please be advised that laboratory partners are NEVER to share any information other than experimental data.**

All lab activities must be read prior to coming to the lab so that the student is prepared for the experiment. A laboratory quiz may be given before or after experimentation. If a student misses a laboratory session, the student must contact Mrs. Picht by e-mail to schedule a make up session.

**Homework**

In addition to the collected assignments, students are expected to read each chapter in the textbook along with the class notes to ensure comprehension. If a student is absent, the student is responsible for all missed work.

**Google classroom will be the main resource for this class.** Announcements, homework, assignments, rubrics, and documents will be posted to this website. The majority of the homework will be submitted to Google classroom. If a student has difficulty submitting an assignment to Google classroom, he/she must e-mail Mrs. Picht with the homework assignment attached to the e-mail to avoid deduction for lateness. Late homework assignments will lose 10 points per day it is late.

Google classroom can only be accessed through the student’s SFP e-mail account. Unfortunately, parents/guardians cannot create individual accounts. Therefore, students are advised to share their Google classroom access information with their parents/guardians so that they have access to the student’s progress.

**Quizzes**

Several quizzes will be given each quarter. These quizzes can be announced and unannounced to ensure that the students are up to date on the material.
COURSE SEQUENCE
Chapter 1 - The Science of Biology
Chapter 7 - Cell Structure and Function
Chapter 8 - Photosynthesis
Chapter 9 - Cellular Respiration
Chapter 10 - Cell Growth and Division
Chapter 11 - Introduction to Genetics
Chapter 12 - DNA
Chapter 13 - RNA and Protein Synthesis
Chapter 14 - Human Heredity
Chapter 15 - Genetic Engineering
Chapter 16 - Darwin's Theory of Evolution
Chapter 17 - Evolution of Populations
Chapter 18 - Classification
Chapter 19 - History of Life
Chapter 3 - The Biosphere
Chapter 4 - Ecosystems and Communities
Chapter 5 - Populations
Chapter 6 - Humans in the Biosphere
Chapter 2 - The Chemistry of Life
Chapter 34 - Endocrine and Reproductive Systems
Chapter 33 - Circulatory and Respiratory Systems
Chapter 35 - The Immune System and Disease
Chapter 30 - Digestive and Excretory Systems
Chapter 31 - Nervous System
Chapter 32 - Skeletal, Muscular, and Integumentary Systems