

St. Francis Preparatory High School  
**FRESHMAN BIOLOGY- LIVING ENVIRONMENT**

Mr. Perez

Office Hours: Room W106A by appointment

E-mail: cperez@stfrancisprep.org

**Course Objective:** Students will actively develop an understanding of the core concepts of biology along with applying their knowledge of these concepts in the classroom, laboratory, and real world.

**Materials**

- iPad
- Pearson e-book
- *Prentice Hall Brief Review: Living Environment* (SFP Bookstore)
- *SFP Lab Manual* (SFP Bookstore)
- 1" three ring binder (to hold lab manual pages)
- Two pocket folder (to leave in lab room)

**Classroom Guidelines**

1. *Respect:* Students must respect the teacher, the classroom/laboratories, their peers, and themselves. School rules and policies must be followed at all times.
2. *Preparedness/Materials:* Students must be on time to class and prepared with materials on their desks. 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 and parent notification.**
3. *Assignments:* All class assignments, labs, and homework must be handed in neatly and on time. All late assignments will be subjected to loss of points accordingly.
4. *Missed Days:* If a student is absent, the student is responsible for all assignments and missed work. The student should check Google Classroom or contact Mr. Perez through email to discuss missed work. The student must present an absence pass to Mr. Perez when he/she returns to class.
5. *Absenteeism:* 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. *Food/Drinks*: No food or drink is permitted in the class or lab. No exceptions.
7. *Disruptions/Distractions*: Disruptions to the class, violation of the SFP dress code, or possession of cell phones, iPods, or other potentially distracting electronic devices during class may result in detention, grade deductions, or further disciplinary action.
8. *Electronic Devices/iPad Policy*: The use of any electronic device, other than the iPad, must be approved by Mr. Perez. Students are **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 Mr. Perez. The school's iPad and electronic device policy is stated on the SFP website. Violation of the policy will result in academic/disciplinary action.
9. *Honor Code*: All work must be completed by the individual student. Any violation of the Honor Code will receive severe academic consequences as outlined in the student agenda book.

### **Grading Policy**

Exams - 30%

Labs - 30%

Quizzes - 15%

Homework - 20%

Class Preparedness - 5%

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

### **Description of Grading Policy**

#### Exams

Exams will be given each quarter. If a student misses an exam and has documentation (i.e. absence pass), the student must contact Mr. Perez to schedule a makeup 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 all labs with a minimum of 15 satisfactory lab reports. Four of the 15 labs are **mandatory** by New York State. If a student does not satisfy the minimum 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% of total points per day that it is late. Laboratory reports that are plagiarized will 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 Mr. Perez by e-mail ASAP.

### 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 work.

Google Classroom will be the main resource for this classroom. 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 Mr. Perez with the homework assignment attached to the e-mail. 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 will be announced in advance to ensure that the students are up to date on the material.

### **Contacting the Teacher**

Students should email: [cperez@stfrancisprep.org](mailto:cperez@stfrancisprep.org)

Parents should email: [cperez@sfponline.org](mailto:cperez@sfponline.org)

Science Office phone number: x231

When not in school, the best way to get in contact directly with Mr. Perez is through email. When emailing, **please allow at least 24 hours for a response** from Mr. Perez. When contacting the science office and Mr. Perez does not immediately answer, feel free to leave a message with another teacher as it will be given to Mr. Perez directly.

## **Course Syllabus (tentative)**

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 12/13- DNA and RNA

Chapter 14- The Human Genome

Chapter 15- Genetic Engineering

Chapter 16- Darwin's Theory of Evolution

Chapter 17- Evolution of Populations

Chapter 18- Classification

Chapter 19- The 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

## **BIOLOGY SYLLABUS AGREEMENT**

I have read and discussed the course requirements and expectations for Freshman Biology with Mr. Perez. I agree and understand that it is my responsibility to abide by this set of rules and satisfy the requirements to complete the course successfully. The course requirements have been shared with my parent/guardian.

Student's Name (Printed)

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Student's ID #

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Student's Signature

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Parent/Guardian's Signature

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Parent/Guardian's E-mail

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Date

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Please complete the above form, detach this sheet, and turn it in to Mr. Perez.