

# P.S. 035 Manhattan High School

**Course Code:** SLS43

**Syllabus for:** Living Environment 3

**Teacher Name:** Ms. Rojas

**Year and Term:** 2023/1

**Learning Standards:** S2- Life Science Concepts

S4- Scientific Connections and Understanding

S5- Scientific Thinking

S6- Scientific Tools and Technologies

S7- Scientific Communication

S8- Scientific Investigation

**Course Description:** Living Environment is a Regents course that connects the topic of cells, body systems.

## Calendar or Unit Map:

### Scientific Method-1

- Variables
- Control group
- Create a hypothesis
- Create an experiment
- Data collection
- Data analysis

### The 5 Sciences

- Chemistry
- Physics
- Earth Science
- Math
- Biology

### Biology-6

- 9 processes
- ATP
- DNA
- Biotic – Abiotic
- Homeostasis

### Biology- cell-7

- Organelles
- Cell theory
- Mitosis
- Prokaryote, Eukaryote
- Cell theory

### Enzymes & pH -2.3

- Substrates/Product
- Inhibitors/Activators
- Anabolic/Catabolic
- pH
- Enzymes effects on the body
- pH effects on the body and on enzymes

### **Nutrition -16**

- Type of foods
- Food pyramid
- Food plate
- ATP
- Foods effect on the body

### **Biology- Systems-8**

- All the systems of the human body
- Relationships of the systems
- Connection to the 9 processes

### **Immune - 9**

- WBC /Antibodies
- Vaccinations
- How does our body protect us?

**Course Materials:** Notebook, 200 index cards, USB flash drive, home computer

## **Grading Policy:**

**Lab: 100% of Lab Grade CR need 80% of Labs**

**Class:**

**Google Slide summary = 20%**

**PT Exams = 10%**

**Any work from the website can add up to = 20%**

**Voc. Exam = 20%-30%**

**Midterm/ Final = 15%-20%**

| Avg. Grade | Voc. Exam | Midterm or Final |
|------------|-----------|------------------|
| 63%-67%    | 20%       | 15%              |
| 70%-77%    | 23%       | 17%              |
| 80%-87%    | 26%       | 19%              |
| 90% -100%  | 30%       | 20%              |

65%= Voc. Exam - 20%

Midterm/ Final - 15%

Google Slides - 20%

PT Exams -10%

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65%