

# P.S. 035 Manhattan High School

**Course Code:** SLF42

**Syllabus for:** Living Environment 2 Summer

**Teacher Name:** Ms. Rojas

**Year and Term:** 2023/7

**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 and genetics.

## Calendar or Unit Map:

### 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?

### Reproduction-10

- System
- STDs
- Meiosis
- Embryology
- How to protect themselves from STDs
- Why reproduction is different in different organisms

## Grading Policy:

1-100% - Labs Grade

2-100% - Class work / Homework - as seen on the syllabus given in class