

P.S. 035 Manhattan High School

Course Code: SLS44

Syllabus for: Living Environment 4

Teacher Name: Ms. Rojas

Year and Term: 2017-2018

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 to classification, evolution, ecosystems, cycles of matter and environmental.

Calendar or Unit Map:

Biology- Classification-12

- Kingdoms
- 9 processes
- Autotrophic, Heterotrophic
- Dichotomy key

Biology- Evolution-13

- Moneran – Human
- Survival of the fittest
- Selective breeding
- Biotic and abiotic factors of evolution
- Mutations-evolution

Biology- Ecosystems-14

- Biomes
- Food webs
- Energy pyramid
- Community Relationships

Cycles of Matter- 2.5

- CO₂ + O₂
- N₃
- H₂O
- Guard Cells
- Biochemistry/relationships

Biology- Pollution-15

- Pollution
- Clean energy
- Renewable resources
- Our effect on the environment

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

Grading Policy:

- 1-30%- Labs
- 2-10%- Exams
- 3-10%- Voc. Exams
- 4-15%- Wit packets
- 5-10%- Voc. Cards
- 6-10%- Movies
- 7-10%- Projects
- 8-05%- H.W.
- OR
- 1-30%- Labs
- 2-60%- Exams
- 3-10%- Voc. Exams
- OR for Beacon Student
- 1-30%- Labs
- 2-30%- Exams
- 3-10%- Voc. Exams
- 4-30%- Projects