

P.S. 035 Manhattan High School

Course Code: SWSG5

Syllabus for: Anatomy F58 - Vertebrates

Teacher Name: Ms. Rojas

Year and Term: 2018/1

Learning Standards: S2- Life Science Concepts

S4- Scientific Connections and Understanding

S5- Scientific Thinking

S7- Scientific Communication

S8- Scientific Investigation

Course Description: Anatomy is an elective course that will compare Anatomy, Physiology, Embryology and Evolution of Humans with that of Vertebrates.

Calendar or Unit Map:

1. How to create a science research paper
2. The 6 Kingdoms
3. Pick your Organisms
4. Biomes/ Environments
5. Trophic levels/ consumers / food webs
6. Life Styles: Alone/Pack, diurnal/nocturnal, communication
7. The 9 processes
9. Reproduction- How?
10. Embryology- How?
11. Evolution- who came before and after- differences
12. What are the advantages and disadvantages of this organism?
13. Compare Crazy Bone Decorations to real Skeletons.
14. 4D Models
15. Animal Toys and Charts

Course Materials: Notebook, home computer, USB flash drive.

Grading Policy:

50%- Classwork

50%- Research Paper