Biomedical Science

Señor Robles

**Essential Standards**

*During the Covid shutdown 2020*

**Respiratory System (in progress)**

* Anatomy of the respiratory organs (trachea, bronchi, lungs, etc.)
* Ailments related to airborne diseases.

**Integumentary System (Chapter 7)**

* Anatomy of the skin including the strata and their internal structures (glands, nerves, etc.)
* Ailments related to the skin (melanoma, acne, psoriasis, etc.)
* Common superficial injuries

**Nervous System (Chap. 10)**

* Develop a highly detailed understanding of both the superficial features of the mammalian brain.
* Be able to identify the functions of particular regions and sections of the human brain.
* Understand the mechanisms that provide nervous impulses.
* Learn the role of neurotransmitters, and how impulses are transmitted from one neuron to another.
* Study selected mental disorders.

**Endocrine System (Chapter 12)**

* Survey the endocrine glands and be able to match each to their particular hormonal secretions.
* Identify the functions of specific hormones.
* Study selected endocrine disorders (I.e. diabetes.)
* Anatomy of the kidney and related structures.

**Urinary System (Chapter 20)**

* Understand the physiology behind urine production.
* Study selected urinary tract ailments.