

## Preliminary Schedule

Date	Topic (4:30pm-6:00pm PST)
6/5/2020	<b>Introduction</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Organization of the Body</li> <li><input type="checkbox"/> Cell Structure, Specializations, &amp; Processes</li> <li><input type="checkbox"/> Tissue Types &amp; Membranes</li> <li><input type="checkbox"/> Overview of Organ Systems</li> </ul>
6/6/2020	<b>Circulatory System</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Circulatory system: overview, structure, &amp; functions</li> <li><input type="checkbox"/> Heart: Structure &amp; Function, Cardiac Cycle</li> <li><input type="checkbox"/> Blood Vessels: major arteries and veins</li> <li><input type="checkbox"/> Blood Cells: types &amp; clotting</li> <li><input type="checkbox"/> Heart diseases, treatment, &amp; prevention</li> </ul>
6/12/2020	<b>Respiratory System</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Respiratory System: overview, structure, &amp; function</li> <li><input type="checkbox"/> Lung anatomy</li> <li><input type="checkbox"/> Mechanism of gas exchange</li> <li><input type="checkbox"/> Connections with the circulatory system</li> <li><input type="checkbox"/> Homeostatic imbalances that can affect the respiratory system.</li> <li><input type="checkbox"/> Respiratory diseases, treatment, &amp; prevention</li> </ul>
6/13/2020	<b>Immune System</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Immune System: overview, structure, &amp; function</li> <li><input type="checkbox"/> Humoral &amp; cell-mediated immunity</li> <li><input type="checkbox"/> Immune System development</li> <li><input type="checkbox"/> Immunization, immunodeficiency, &amp; autoimmunity</li> </ul>
6/19/2020	<b>Digestive System</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Digestive System: overview, structure, &amp; function</li> <li><input type="checkbox"/> Digestive processes and biomolecules</li> <li><input type="checkbox"/> Nutrition &amp; Nutrients</li> <li><input type="checkbox"/> Metabolism and energy balance</li> <li><input type="checkbox"/> Digestive diseases, treatment, &amp; prevention</li> </ul>
6/20/2020	<b>Excretory System</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Excretory System: overview, structure, &amp; function</li> <li><input type="checkbox"/> Kidney, bladder, &amp; ureter anatomy &amp; physiology</li> <li><input type="checkbox"/> Excretion and urine formation</li> <li><input type="checkbox"/> Excretory diseases, treatment, &amp; prevention</li> </ul>
6/26/2020	<b>Endocrine System</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Endocrine System: overview, structure, &amp; function</li> <li><input type="checkbox"/> Chemical Signals</li> <li><input type="checkbox"/> Endocrine Glands</li> <li><input type="checkbox"/> Hormones - chemistry and regulation</li> <li><input type="checkbox"/> Endocrine diseases, treatment, &amp; prevention</li> </ul>

<b>6/27/2020</b>	<b>Integumentary System</b> <ul style="list-style-type: none"><li><input type="checkbox"/> Integumentary System: overview, structure, &amp; function</li><li><input type="checkbox"/> Skin layers and reception of touch</li><li><input type="checkbox"/> Skin color and melanin</li><li><input type="checkbox"/> Hair and nails</li><li><input type="checkbox"/> Integumentary glands</li><li><input type="checkbox"/> Integumentary diseases, treatment, &amp; prevention</li></ul>
<b>7/10/2020</b>	<b>Skeletal System</b> <ul style="list-style-type: none"><li><input type="checkbox"/> Skeletal System: overview, structure, &amp; function</li><li><input type="checkbox"/> Axial and Appendicular Skeletal system</li><li><input type="checkbox"/> Bone structure</li><li><input type="checkbox"/> Joint types &amp; movement</li><li><input type="checkbox"/> Skeletal system diseases, treatment, &amp; prevention</li></ul>
<b>7/11/2020</b>	<b>Muscular System</b> <ul style="list-style-type: none"><li><input type="checkbox"/> Muscular System: overview, structure, &amp; function</li><li><input type="checkbox"/> Muscle tissue characteristics</li><li><input type="checkbox"/> Skeletal muscle anatomy &amp; function</li><li><input type="checkbox"/> Smooth &amp; Cardiac muscles</li><li><input type="checkbox"/> Muscular system diseases, treatment, &amp; prevention</li></ul>
<b>7/17/2020</b>	<b>Nervous System</b> <ul style="list-style-type: none"><li><input type="checkbox"/> Nervous System: overview, structure, &amp; function</li><li><input type="checkbox"/> Brain Anatomy &amp; Physiology</li><li><input type="checkbox"/> Nerve cells &amp; structure</li><li><input type="checkbox"/> Propagation of nerve impulses</li><li><input type="checkbox"/> Sensory systems: olfaction, hearing, and vision</li><li><input type="checkbox"/> Nervous system diseases, treatment, &amp; prevention</li></ul>
<b>07/18/20</b>	<b>Genetics</b> <ul style="list-style-type: none"><li><input type="checkbox"/> Chromosomes, DNA, RNA, Protein Synthesis</li><li><input type="checkbox"/> Genes &amp; Heredity</li><li><input type="checkbox"/> Mendelian genetics &amp; inheritance probability</li><li><input type="checkbox"/> Gene mutations &amp; diseases</li><li><input type="checkbox"/> Genetic engineering &amp; therapies</li></ul>