

Human and Social Biology

IMMACULATE CONCEPTION HIGH SCHOOL
GRADE 10 HUMAN AND SOCIAL BIOLOGY TERM PLAN

SUMMER TERM

APRIL 22, 2020 to June 12, 2020.

		THEORY	LABS/QUIZ/TESTS
APRIL			
April 22- May 1	WEEK 1& 2	Respiratory System Structure of the Respiratory System Gaseous Exchange Aerobic and Anaerobic respiration and equations	
May 4 - 8	WEEK 3	Graphs associated with breathing The mechanism for breathing	CWI: Past paper questions on respiratory system Graphs

<p>May 11 - 15</p>	<p>WEEK 4</p>	<p>CIRCULATORY SYSTEM</p> <p>1 .Review of blood components, blood vessels, blood clotting,</p> <p>2. Structure of heart, flow of blood through the heart; Double circulation of the heart.</p>	<p>TEST1: Respiratory system</p>
<p>May 18 - 22</p>	<p>WEEK 5</p>	<p>CIRCULATORY SYSTEM CONT'D</p> <p>The cardiac cycle and blood pressure.</p> <p>Diseases of the circulatory system.</p> <p>The causes and effects of heart attacks</p> <p>Hypertension, arteriosclerosis, atherosclerosis, coronary thrombosis, artificial pacemaker</p>	<p>CW2: Making a video (No more than 5 minutes) or an interactive presentation to</p> <p>-Explain the causes and effects of heart attacks</p> <p>-Explain Hypertension, atherosclerosis, arteriosclerosis, coronary thrombosis, artificial pacemaker (To be presented in a Double Session)</p>

<p>May 25 - 29</p>	<p>WEEK 6</p>	<p>CIRCULATORY SYSTEM CONT'D</p> <p>1.Lymphatic system and circulation of lymph</p> <p>2. Return of lymph to the main circulation</p>	<p>Test 2</p> <p>Circulatory System</p>
<p>June 1 - 5</p>	<p>WEEK 7</p>	<p>EXCRETION AND HOMEOSTASIS</p> <p>Structure of the kidney</p> <p>Function of the kidney in ultrafiltration and selective reabsorption</p>	<p>CW 3</p> <p>Questions for function of the kidney.</p>
<p>June 8 - 12</p>	<p>WEEK 8</p>	<p>1. Definition of homeostasis and examples of homeostasis.</p> <p>2. Osmoregulation in the kidneys.</p>	<p>TEST #2</p> <p>Excretory System</p>

		3. Regulation of carbon dioxide , glucose concentration and temperature in the body	