

Physics

IMMACULATE CONCEPTION HIGH SCHOOL PHYSICS SYLLABUS SEQUENCE 2020 ONLINE/ DISTANT LEARNING			
GRADE:	9		
TERM:	3		
WEEK:	DATE	TOPICS	OBJECTIVES
1	Apr. 22 – 24	Electricity	Current electricity <ul style="list-style-type: none">• Define current electricity – comparison with static electricity• Definition of current & voltage• Classification of substances as insulators and conductors of electricity
2	Apr. 27 – May 1		<ul style="list-style-type: none">• Definition of a circuit• Components of the circuit and their symbols• Relationship between voltage and current, resistance in a circuit
3	May 4 – 8		Use of the voltmeter, ammeter and resistors in a circuit

<p style="text-align: center;">4</p> <p style="text-align: center;">5</p>	<p style="text-align: center;">May 11 – 15</p> <p style="text-align: center;">May 18 – 22</p>	<p style="text-align: center;">Current Electricity</p>	<p>Current electricity</p> <ul style="list-style-type: none"> • Construction of simple series and parallel circuits • Differences between series and parallel circuits • Circuit diagrams of series and parallel circuits • Series and parallel circuits in the home • Safety devices used in circuits • Electrical safety rules, electrical hazards
<p style="text-align: center;">6</p> <p style="text-align: center;">7</p> <p style="text-align: center;">8</p>	<p style="text-align: center;">May 25 – 29</p> <p style="text-align: center;">June 1 – 5</p> <p style="text-align: center;">June 8 – 11</p>	<p style="text-align: center;">Magnetism</p>	<p>Magnetism</p> <ul style="list-style-type: none"> • Poles of the magnet • Magnetic field and magnetic forces • Construction of an electromagnet • Properties of Magnets