

Teacher Name: *Mary Joy Pasco-Lafontaine*
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Subject: *Science*
Grade Level: *SCI510*

Course Description:

In Science Class, students will learn to propose explanations for or solutions to scientific or technological problems. To make the most of scientific and technological tools, objects and procedures and to communicate in the languages used in Science and technology.

Course Content:

Term 1: August 30 th – November 4 th		20 % of year
Content	Timeline (Dates)	Evaluation Methods
Earth and Space <ul style="list-style-type: none"> ➤ Identify and describe examples of renewable and non-renewable energy ➤ Uses observational instruments (magnifying glass, binoculars, etc.) 	September -November	<ul style="list-style-type: none"> ✚ Observations ✚ Checklists ✚ Rubrics <ul style="list-style-type: none"> • Participation (10%) • Assignments (30%) • Tests/ Quizzes (40%) • Project (20%)
Term 2: November 4 th – February 23 rd		20 % of year
Content	Timeline (Dates)	Evaluation Methods
Living Things <ul style="list-style-type: none"> ➤ Reproduction of animals ➤ The stages of growth and development in human ➤ Identify the main organs of reproductive system ➤ Describes the physical changes that takes place during puberty ➤ Identify the difference between photosynthesis and respiration 	November-February	<ul style="list-style-type: none"> ✚ Observations ✚ Checklists ✚ Rubrics <ul style="list-style-type: none"> • Participation (10%) • Assignments (30%) • Tests/ Quizzes (40%) • Project (20%)
Term 3: February 24 th – June 22 nd		60 % of year
Content	Timeline (Dates)	Evaluation Methods
Material World	February-June	<ul style="list-style-type: none"> ✚ Observations ✚ Checklists

<ul style="list-style-type: none"> ➤ Mixtures and solutions (heterogenous mixtures, homogenous mixtures, solubility) ➤ Transformation of energy (difference between transformation and transmission of energy) ➤ Characteristics of motion: Speed, direction, velocity, acceleration ➤ Identifies the mechanical parts (gears, cams, springs) ➤ Use of simple measuring instruments (thermometer, ruler, graduated cylinders, measuring cups, beakers, scale) ➤ Appropriate language communicates and interprets using appropriate type of representations (graphs, tables, diagrams) 		<p>✚ Rubrics</p> <ul style="list-style-type: none"> • Participation (10%) • Assignments (30%) • Tests/ Quizzes (40%) • Project (20%)
RESOURCES USED:		<i>WQSB Resources, Videos, Technology, Etc...</i>

Course content & timelines may be adjusted as the year progresses to meet the needs of the students

Communication:

Students will be provided with a minimum of 4 communications throughout the school year.

- October 15th – Progress report
- November 20th – 1st term report card

Standards & Procedures 2022 - 2023

- March 15th – 2nd term report card
- July 10th – Final report card