



Laval Junior Academy

Academic Year: 2022-2023	Department: Science & Technology Teacher: Mr. Dimacacos Tel: (450) 680-3044 E-mail: gdimacacos@swlauriersb.qc.ca
Subject: Science & Technology (Science Concentration)	Level: Secondary Cycle 1, year 1

Term 1: 20%			
School Reporting Date(s): Progress Report: October Term I Report Card: November			
Teacher Methods of Communication: Mozaik, e-mail, phone			
Competencies Evaluated and Percentage of Term Grade: Competency 1: Seeks answers or solutions to scientific or technological problems and communicates in languages used in science and technology (Accounts for 40% of the final grade). Competency 2: Makes the most of his/her knowledge of science and technology and communicates in the languages of science and technology (Accounts for 60% of the final grade).			
Evaluation Methods/Tools	Topics Evaluated	Timeline or Frequency of Evaluations	Weight of Evaluation
Laboratory Experiments	<ul style="list-style-type: none"> Properties of Matter Changes in Matter 	3-5	40%
Tests/Quizzes Presentations Assignments Rubrics Projects	<ul style="list-style-type: none"> Properties of Matter Changes in Matter Science Fair 	3-4	60% Science fair will account for 20% of the lab grade.

- Students in the Science Concentration program will also have a science fair project. Students will be starting their project in mid-September and the due date will be in mid-December. (More info will be given to the students)

TERM 2: 20%

School Reporting Date(s): Term 2 Report Card: February

Teacher Methods of Communication: Mozaik, e-mail, phone

Competencies Evaluated and Percentage of Term Grade:

Competency 1: Seeks answers or solutions to scientific or technological problems and communicates in languages used in science and technology **(Accounts for 40% of the final grade).**

Competency 2: Makes the most of his/her knowledge of science and technology and communicates in the languages of science and technology **(Accounts for 60% of the final grade).**

Evaluation Methods/Tools	Topic Evaluated	Timeline or Frequency of Evaluations	Weight of Evaluation
Laboratory Experiments	<ul style="list-style-type: none"> Diversity of Life Forms Life Sustaining Processes and Survival of Species 	3-5	40%
Tests/Quizzes Presentations Assignments Rubrics Projects	<ul style="list-style-type: none"> Diversity of Life Forms Life Sustaining Process and Survival of Species 	3-4	60%
In class midterm	All topics covered in <ul style="list-style-type: none"> Properties of Matter Changes in Matter Diversity of Life Forms Life Sustaining Processes and Survival of Species 	The week of January 30-February 1	20% of competency 2 grade

Term 3 - 60%

School Reporting Date(s): Term 3 Report Card: June

Teacher Methods of Communication: Mozak, email, phone

Competencies Evaluated and Percentage of Term Grade:

Competency 1: Seeks answers or solutions to scientific or technological problems and communicates in languages used in science and technology **(Accounts for 40% of the final grade).**

Competency 2: Makes the most of his/her knowledge of science and technology and communicates in the languages of science and technology **(Accounts for 60% of the final grade).**

Evaluation Methods/Tools	Topics Evaluated	Timeline or Frequency of Evaluations	Weight of Evaluation
Laboratory Experiments	<ul style="list-style-type: none"> Earth: its Characteristics and Phenomena Space: Astronomical Phenomena Forces and Motion Engineering 	3-5	40%
Tests/Quizzes Presentations Assignments Rubrics Projects	<ul style="list-style-type: none"> Earth: Its Characteristics and Phenomena Space: Astronomical Phenomena Force and Motion Engineering 	3-4	60%
End of Year Final	Cumulative Final of material covered in Year 1.	Scheduled during the June Exam Period	20% of Competency 2 grade in Term 3

Course Materials used:

- Science and Technology Worlds Work Book
- Lab work Book

Students are expected to bring their workbooks to every class. **If a student loses their workbook or laboratory book they will be expected to replace their lost workbook.**

Course Description:

The Science & Technology Concentration Program is divided in 4 themes:

- 1) Material World
- 2) Living World
- 3) Earth and Space
- 4) Technological World

- The Science & Technology Concentration program is designed to allow students to further develop and explore their interests in Science and Technology.
- Students in the program will benefit from an extra two periods of science in their nine-day cycle.
- The extra two period will allow for:
- More periods dedicated to labs.
- Guest speakers, who are experts in their field.
- Field trips

Evaluation:

Over the year the students will develop and be evaluated on the following competencies:

Competency 1: Seeks answers or solutions to scientific or technological problems and communicates in languages used in science and technology. **(Accounts for 40% of the final grade)**

Competency 2: Makes the most of his/her knowledge of science and technology and communicates in the languages of science and technology. **(Accounts for 60% of the final grade)**

Important:

Because the Science and Technology program has a cumulative final at the end of year 2. **It is recommended that students keep their cycle 1, year 1 workbook** so that they can use it to review material for the end of cycle cumulative final in year 2.

Remediation: As per teacher's schedule