



# Laval Junior Academy

<b>Academic Year: 2023-2024</b>	<b>Department: Science &amp; Technology</b> <b>Teacher:</b> <b>Tel:</b> (450) 680-3044 <b>E-mail:</b>
<b>Subject: Science &amp; Technology</b>	<b>Level: Cycle 1, year 2</b>

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

## 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"> <li>Structure of Matter</li> <li>Changes in Matter</li> </ul>	3-5	40%
Tests/Quizzes Presentations Assignments Rubrics Projects	<ul style="list-style-type: none"> <li>Structures of Matter</li> <li>Changes in Matter</li> </ul>	3-4	60%
In class midterm	All topics covered in Term 1 and 2 <ul style="list-style-type: none"> <li>Units of Measurements</li> <li>Technological Systems</li> <li>Engineering</li> <li>Structures of matter</li> <li>Changes in Matter</li> </ul>	The week of January 25-29	20% of competency 2 grade

### Term 3 - 60%

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

**Teacher Methods of Communication:** Moodle, 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"> <li>Earth: its Characteristics and Phenomena</li> <li>Space: Astronomical Phenomena</li> <li>Diversity of Life Forms and Life Sustaining Processes</li> <li>Survival of the Species</li> </ul>	3-5	40%
Tests/Quizzes Presentations Assignments Rubrics Projects	<ul style="list-style-type: none"> <li>Earth: Its Characteristics and Phenomena</li> <li>Space: Astronomical Phenomena</li> <li>Diversity of Life and Life Sustaining Processes</li> <li>Survival of the Species</li> </ul>	3-4	60%
End of Year Final	Cumulative Final of material covered in Year 1 and Year 2.	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 have them replaced at their cost.**

### **Course Description:**

The Science and Technology program is divided in 4 themes:

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

### **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:**

The end of cycle 2, year 2 final will be a cumulative final of material covered in cycle 1, year 1 and cycle 2, year 2. During the course of the year material from cycle 1 year 1 will be briefly revised.

**Remediation:** As per teacher's schedule