



## Royal West Academy

### Course Outline

Course:	Science & Technology (555-404) (ST) Science & Technology of the Environment (558-404) (EST)		
Teacher:	L. Kissin	Room:	305
E-mail:	lkissin@emsb.qc.ca		
Texts/workbooks:	Observatory - The Environment		
Course description:	This science program creates a single discipline by integrating technology with the scientific fields of biology, chemistry, geology and physics. The program's content is organized into 2 courses which the students are completing simultaneously.		

### Materials

- Binder for package handouts and keeping notes
- Plastic folder for lab package and page protector
- ~ 32-pg. exercise book (ex. Hilroy)
- Pens, pencils, erasers, ruler, non-programmable calculator, loose leaf paper

### Evaluation

<b>Term 1 (20%)</b>		
<i>Competencies Targeted</i>	<i>Evaluation Methods</i>	<i>Timeline</i>
Practical <ul style="list-style-type: none"> <li>• Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology</li> </ul> Theoretical <ul style="list-style-type: none"> <li>• Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology</li> </ul>	Lab Reports  Tests, Quizzes, Assignments	~ 3 reports  2 – 3 tests

<b>Term 2 (20%)</b>		
<i>Competencies Targeted</i>	<i>Evaluation Methods</i>	<i>Timeline</i>
Practical <ul style="list-style-type: none"> <li>Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology</li> </ul> Theoretical <ul style="list-style-type: none"> <li>Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology</li> </ul>	Lab Reports ( <i>Evaluated but will only be displayed on term 3 report card</i> )  Tests, Quizzes, Assignments  <b>January Exam (50% of term 2)</b>	~ 3 reports      2 – 3 tests

<b>Term 3 (60%)</b>		
<i>Competencies Targeted</i>	<i>Evaluation Methods</i>	<i>Timeline</i>
Practical <ul style="list-style-type: none"> <li>Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology</li> </ul> Theoretical <ul style="list-style-type: none"> <li>Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology</li> </ul>	Lab Reports   Tests, Quizzes, Assignments  Technology Project	~ 3 reports   2 – 3 tests

**Note on Evaluation:**

- All lab report grades will fall under the practical competency and the same grade will be given for both courses, ST & EST.
- Tests, quizzes and assignments will fall under the theoretical competency. However, content will be divided by course. This means that when a test or assignment is given, two marks may appear at the top of the page, one for ST and the other for EST. Separate marks will appear for each course on the report card.
- In June students will write two separate theory exams: ST & EST.**
- Reminder:** Students must complete a science fair project at least once during grades 8 to 10.

**END OF YEAR RESULTS**

The final mark for ST will be calculated as shown below:

ST END OF YEAR RESULT								
Term 1 20%	+	Term 2 20%	+	Term 3 60%	=	%	+ moderation	MELS Examination %

50% (school mark) + 50% (exam mark) = END OF YEAR RESULT

The final mark for EST will be calculated as shown below:

STE END OF YEAR RESULT								
Term 1 20%	+	Term 2 20%	+	Term 3 60%	=	%	School Board Exam %	<u>or</u> School Exam %

70% (school mark) + 30% (exam mark) = END OF YEAR RESULT

In June, students will write a **lab exam** that will contribute to both their ST and EST marks. It will count for **30%** of their final practical mark.

**Additional Information / Specifications**

- 1) There are NO LATES in this class. The door will be closed when the bell rings. In order to enter the class, the late student will have to donate 0.50\$ to the Malala Fund.
- 2) If a student misses a test it becomes his/her responsibility to schedule a re-write. The student will be asked to submit a **valid note** for her/his absence on the day of the test. Failure to submit a valid note may result in a mark of zero.
- 3) Students who earn a mark below 60% on a test must have it signed by a parent. Parent signatures are not required on assignments and lab reports.
- 4) Failure to submit assignments and lab reports on time will result in a mark penalty of 10% per school day.
- 5) Plagiarism, which may include copying another person's work (e.g. a lab report) and cheating on a test, results in an automatic mark of zero. Read the Student Agenda for more information about the school's plagiarism policy.
- 6) **Students are required to use non-graphing calculators during all tests.**

**Communication:**

- Students will be receiving a progress report (October) and three report cards (November, March and June).
- Course updates, materials, answer keys and other important information will be made available to students via Schoology. Course codes will be distributed in class.
- Please feel free to contact me either by phone at the school or by email if you have any questions or concerns.

**Remediation Schedule**

- DAY 6 → 12:25pm – 1:15pm and
- DAY 7 → 3:10pm – 4:00pm **OR**
- By appointment

**Science & Technology IV Section: \_\_\_\_\_**

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Name: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_