Royal West Academy

Course Outline

Course:	Science & Technology (555-404) (ST) Science & Technology of the Environment (558-404) (EST)		
Teacher:	J. Fogel	Room:	312
E-mail:	jfogel@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 handouts and keeping notes
- Plastic folder for labs
- Pens, pencils, erasers, ruler, non-programmable calculator, loose leaf paper

Evaluation

Term 1 (20%)		
Competencies Targeted	*Evaluation Methods*	*Timeline*
Practical • Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology	Lab Reports and online simulations	~ 3 reports
Theoretical • Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology	Tests, Quizzes, Assignments	2 – 3 tests

Term 2 (20%)		
Competencies Targeted	*Evaluation Methods*	*Timeline*
Practical • Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology Theoretical • Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology	Lab Reports and online simulations *(Evaluated but will only be displayed on term 3 report card)* Tests, Quizzes, Assignments January Exam (50% of term 2)	~ 3 reports 2 – 3 tests

Term 3 (60%)		
Competencies Targeted	*Evaluation Methods*	*Timeline*
Practical • Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology Theoretical • Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology	Lab Reports and online simulations 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 %	or	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.

Important note to students and parents/guardians regarding course outlines
Due to COVID-19, there are many unknowns as to how the 2020-21 school year will unfold. Please note that the information on this outline may need to be modified as the year progresses. Rest assured that any changes made will be done so to reflect what we feel is best to maximize students success.

Additional Information / Specifications
1) If a student misses a test it becomes his/her responsibility to schedule a re-write on the day they return. 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. 2) 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. 3) Failure to submit assignments and lab reports on time will result in a mark penalty of 10% per school day. 4) 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. 5) **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 Microsoft Teams. Assignments will also be submitted using this platform.
- 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 2: from 3 to 3:50 Day 7: from 12:35 to 1:05

Science & Technology IV Section: _____

Student Name: _____

Student Signature: _____ Date: _____

Parent Signature: _____Date: _____

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