

# **Royal West Academy**

## **Course Outline**

Course:	Science & Technology (555-404) (ST) Science & Technology of the Environment (558-404) (EST)			
Teacher:	A. Dillon	Room:	308	
E-mail:	adillon@emsb.qc.ca			
Texts/workbooks:	Observatory - The Environment (textbook + workbook)			
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**

- o Binder for handouts and keeping notes
- o Plastic folder or duo-tang for labs
- o 32-paged exercise book (3 hole-punched, no spiral)
- o Pens, pencils, erasers, ruler, highlighters & non-programmable calculator

# **Evaluation**

Term 1 (20%)					
Competencies Targeted	Evaluation Methods	Timeline			
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  Tests, Quizzes, Assignments	~ 3 reports 2 – 3 tests			

Term 2 (20%)				
Competencies Targeted	Evaluation Methods	Timeline		
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 (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		

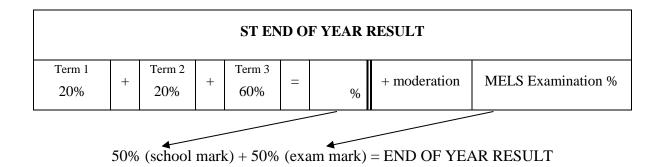
Term 3 (60%)				
Competencies Targeted	Evaluation Methods	Timeline		
Seeks answers or solutions to scientific or technological problems and communicates in the language used in science and technology  Theoretical     Makes the most of his/her knowledge of science and technology and communicates in the language used in science and technology	Lab Reports  Tests, Quizzes, Assignments  Technology Project	~ 3 reports 2 – 3 tests		

#### **Note on Evaluation:**

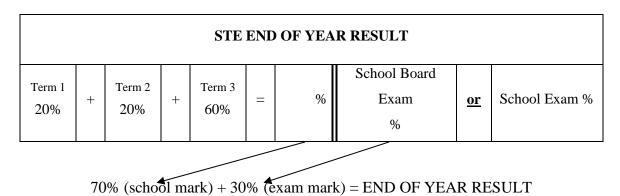
- All lab report grades will fall under the practical competency and the same grade will be given for both courses, ST & EST.
- Tests, quizzes and assignments will fall under the theoretical competency. However, content will be divided by course. This means that when a test or assignment is given, two marks may appear at the top of the page, one for ST and the other 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:



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



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) 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.
- 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 a <u>non-programmable</u> calculator 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 3 at 3:10pm **OR** 

- Lunch time/after school by appointment
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