

Course:	Science and Technology 444				
Teacher:	H.Ahn Room : 201				
E-mail:	hahn@emsb.qc.ca				
Texts/workbooks:	In class notes and worksheets				
Course description:	Secondary 4 Science				

TERM 1 – 20%				
Topics covere	ed	Competencies targeted		
The Material World (properties and characteristics of the periodic table, organization and structure of matter, changes of matter, energy, balancing chemical equations, properties of solutions such as concentration, conductivity, ions.)		Practical:  -Seeks answers and solutions in scientific or technological problemsCommunicates in the languages used in science and technology.  Theoretical:  -Makes the most of his/her knowledge of science and technology.  -Communicates in the languages used in science and technology.		
Evaluation methods Mark breakdown		Timeline		
Tests, Quizzes, Laboratories	Theory Component- Tests (60%) Quizzes/Assignments (40%) Laboratory Component- Labs and reports (100%)	1-3 quizzes, tests and lab reports per term		

TERM 2 – 20%				
Topics cover	ed		Competencies targeted	
The Material World (electromagnetism, electricity and laws)  Earth and Space (characteristics of the earth, biogeochemical cycles, climate zones, biomes)		Practical:  -Seeks answers and solutions in scientific or technological problemsCommunicates in the languages used in science and technology.  Theoretical:  -Makes the most of his/her knowledge of science and technology.  -Communicates in the languages used in science and technology.		
Evaluation methods	Mark breakdo		Timeline	
Tests, Quizzes, Laboratories	Theory Component- Tests (48%) Quizzes/Assignments (32%) Midterm (20%) Laboratory Component- Labs and reports (100%)		1-3 quizzes, tests and lab reports per term	

TERM 3 – 60%				
Topics covered	Competencies targeted			
The Technological World (motion transmission and motion transformation systems, links, guiding controls, power supply, constraints, properties of materials)	Practical:  -Seeks answers and solutions in scientific or technological problemsCommunicates in the languages used in science and technology.			

		Theoretical:  -Makes the most of his/her knowledge of science and technology.  -Communicates in the languages used in science and technology.
Evaluation methods	Mark breakdown	Timeline
Tests, Quizzes, Laboratories	Theory Component- Tests (60%)  Quizzes/Assignments (40%)  Laboratory Component- Labs and reports (100%)	1-3 quizzes, tests and lab reports per term

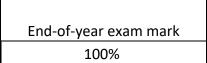
Online platform:	Google Classroom					
Materials required for the course:						
Binder, copybook, pencils, e be used as an extra tool)	raser, calculator, ruler (highlighters and colored pens are not obligatory, but can					

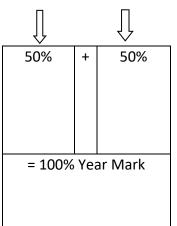
Progress report/Report card schedule:		
Progress report:	October 2025	
Report cards:	November 2025	
	February 2026	
	July 2026	
	Progress report:	

Remediation schedule:	
TBD	

## Final results:

Term 1	_	Torm ?		Torm 2		Cahaal mark
1 emil 1	т	Term 2	+	Term 3	=	School mark
20%		20%		60%		100%





<sup>\*</sup>Moderation affects Year Mark