WQSB Virtual Campus Teacher: Shawn Weiland, sweiland@learnquebec.ca, 1-888-622-2212 x279

COMMISSION SCOLAIRE WESTERN QUÉBEC SCHOOL BOARD
VIRTUAL CAMPUS

Standards and Procedures for the 2025-2026 School Year

Math Science Option, Secondary Cycle 2, Year 2 (Sec. 4)

Evaluation and Weighting of Competencies:

Subject Competencies	Term 1 (20%)	Term 2 (20%)	Term 3 (60%)	MEQ Exams
Solves a situational problem (30%)	Situational Problems (100%)	Situational Problems (100%)	Situational Problem (70%) Final Exam (30%)	
Uses mathematical reasoning (70%)	Assignments, interviews/ discussions, end of chapter evaluations, learning reflections (60%). End of chapter evaluations (40%)	Assignments, interviews/ discussions, end of chapter evaluations, learning reflections (60%). End of chapter evaluations (40%)	Assignments, interviews/ discussions, learning reflections (60%). End of chapter evaluations (40%)	Compulsory Uniform Exam (50% of year) *If this changes over the school year schools and families will be informed.*

General Information regarding evaluation:

Assignments, interviews/ discussions, end of chapter evaluations, learning reflections.

Textbook: Visions Mathematics Secondary Cycle II, Year II – Volumes 1 and 2

- WQSB Virtual Campus teachers provide instruction and evaluation for this course.
- The Virtual Campus respect the timetable for report cards identified by each school.
- Online students will write uniform and complementary exams according to the provincial schedule, where required by the local school.
- Supervision of tests will be provided by the local school.
- Students must complete their own work and complete evaluations independently.
- In cases of cheating:
    - First time, students involved will be given zero on the assignment/test with the opportunity to re-do assignment for maximum of 60%. School/family will be informed.
    - Second time, students involved with be given zero and additional consequences.

Online Context: Self-Paced Online Classes – 250 minutes in-school work time per week including 30-minutes of live instructional time

PROGRESSION OF LEARNING (Compulsory Concepts) – MATH SN 4
Algebra – Terms 1 & 2 ● Algebraic expressions: multiplying and dividing polynomials (with or without a remainder) ● Note: Rational expressions (algebraic fractions) are also among the algebraic expressions to be covered ● Factoring polynomials (factoring by grouping) ● Factoring trinomials using roots ● Second-degree algebraic identities (perfect square trinomial and difference of two squares) ● Completing the square (factoring and switching from one way of writing an expression to another) ● First-degree inequalities in two variables ● Systems of first-degree equations in two variables ● Second-degree equations and inequalities in one or two variables ● Systems composed of one first-degree equation in two variables and one second-degree equation ● in two variables ● Properties of functions ● Second-degree polynomial function ● Step function ● Greatest-integer function: $f(x) = a\,[b(x – h)] + k$
Analytic geometry – Terms 2 & 3 ● Study of straight lines (including parallel and perpendicular lines) ● Distance between two points
Geometry – Term 3 ● Equivalent figures (in area or volume) ● Properties of congruent, similar, or equivalent figures ● Trigonometric relations in right triangles: sine, cosine, tangent ● Metric relations in right triangles ● Sine law ● Cosine law
Statistics – Term 1 ● Linear correlation: correlation coefficient (quantitative appraisal) and regression line