Teacher Name: *Karine Desjardins* **Subject:** *Math 565-426*
Email: *kdesjardins@wqsb.qc.ca* **Grade Level** *Secondary 4*

Course Description:

Students will be working on the main themes of the mathematics curriculum: algebra, geometry, statistics and probability.

Course Content:

Term 1: August 30th – November 4th		**20 % of year**
Content	**Timeline (Dates)**	**Evaluation Methods**
Statistics: • Scatter plots, linear correlation • line of regression Algebra • equivalent figures • factoring polynomials • rational expressions	September September October	**Competency 1: Not evaluated in term 1** **Competency 2: Uses mathematical reasoning (70%)** • **Homework (10%)** • **Assignments (30%)** • **Tests (60%)**
Term 2: November 4th – February 23rd		**20 % of year**
Content	**Timeline (Dates)**	**Evaluation Methods**
Analytic Geometry • Distance between points • Forms of a straight line • Parallel & perpendicular lines • Systems of equations	November December - January	**Competency 1: Solves a situational problem (30%)** • **2 -3 situational problems** **Competency 2: Uses mathematical reasoning (70%)** • **Homework (10%)** • **Assignments (30%)** • **Tests (60%)**
Term 3: February 24th – June 22nd		**60 % of year**
Content	**Timeline (Dates)**	**Evaluation Methods**
Geometry • Congruent & similar triangles • Metric relations • Trigonometric ratios • Sine & Cosine Law	**January** **February -March**	The methods that will be used to evaluate the students and % breakdown. Ex. Assignments 30 % Quizzes 20 % Projects 30 %

Functions: • Properties • Quadratic function (graphing, standard, general and factored form, applications) • Greatest Integer Function (graphing, rule, evaluating, solving) Final Review	**March** **April** **May** **June**	Participation 10 % Presentations 10 %
RESOURCES USED:	*Visions Textbook Science Math*	
Final Exam	*Ministry Exam worth 20% of the year*	

*****Course content & timelines may be adjusted as the year progresses to meet the needs of the students*

Communication:

Students will be provided with a minimum of 4 communications throughout the school year.

- October 15th – Progress report
- November 20th – 1st term report card
- March 15th – 2nd term report card
- July 10th – Final report card

General Information

- **Homework**: You will be expected to complete homework on a regular basis. Homework will not be corrected, it will be marked for *completion* only. Although homework is not heavily weighted, it is crucial to your success as it provides you with the opportunity to practice what has been taught in class.

- **Tests**: There will be 1 test per cycle which corresponds to approximately 1 test every two weeks. You will be allowed to prepare a memory aid for each test on an 8.5 by 11 sheet of paper. It is recommended that you carefully keep each memory aid throughout the year to help you with your final review.

- **Absences**: You are responsible for getting the notes that you miss from a classmate and completing the required homework.

- **Behaviour**: You are expected to be on time for class with all necessary materials. You need to play an active role in your own learning by paying attention to each lesson and asking questions when you need clarifications.

- **Resource:** Extra help is available during lunch from 12:00 – 12:45.