

Teacher Name: Karine Desjardins
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Subject: Math 565-506
Grade Level: Secondary 5

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
Algebra <ul style="list-style-type: none"> Systems of first degree equations in 2 variables Translating statements into inequalities Manipulating inequalities Graphing inequalities Using polygons of constraints to optimize a function Functions <ul style="list-style-type: none"> Operations on functions and parameters The square root function 	September October	Competency 1: Not evaluated in term 1 Competency 2: Uses mathematical reasoning (70%) <ul style="list-style-type: none"> Homework (10%) Assignments (30%) Tests (60%)
Term 2: November 4th – February 23rd		20 % of year
Content	Timeline (Dates)	Evaluation Methods
Functions <ul style="list-style-type: none"> The absolute value function (graphing, finding the rule, applications) The rational function (graphing, finding the rule, applications) Exponential functions (graphing, rule, applications) Logarithms 	November December January February	Competency 1: Solves a situational problem (30%) <ul style="list-style-type: none"> 2 -3 situational problems Competency 2: Uses mathematical reasoning (70%) <ul style="list-style-type: none"> Homework (10%) Assignments (30%) Tests (60%)
Term 3: February 24th – June 22nd		60 % of year

Content	Timeline (Dates)	Evaluation Methods
Functions <ul style="list-style-type: none"> • Trigonometric Functions (unit circle, radians, trigonometric identities, graphing functions) 	March - April	Competency 1: Solves a situational problem (30%) <ul style="list-style-type: none"> • 2 -3 situational problems
Conics <ul style="list-style-type: none"> • Circle, ellipse, hyperbola, parabola 	April-May	Competency 2: Uses mathematical reasoning (70%) <ul style="list-style-type: none"> • Homework (10%) • Assignments (30%) • Tests (60%)
Vectors <ul style="list-style-type: none"> • Vectors & scalars • Vector addition 	May	
Final Review	June	
RESOURCES USED:	<i>Visions Textbook Science V</i>	
Final Exam	<i>WQSB final exam worth 20% of the year</i>	

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.

Standards & Procedures 2022 - 2023

- **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. |