Math 11 Course Outline

Welcome to Math 11! In this course we will cover several topics including the following: Roots and Powers, Radical Operations & Equations, Solving Quadratic Equations, Analyzing Quadratic Functions and Inequalities, Trigonometry, Rational Expressions and Equations, and Financial Literacy. We will learn about these topics through collaboration, note-taking, work periods, games and reflecting.

**Most** classes will involve:

* a brief review of the material from the previous class
* introduction of new concepts and how they connect with previously learned material
* time to collaborate with peers to explore new concepts
* time to reinforce new learning with independent work time

Students will be assessed on the curricular competencies (reasoning & modelling, understanding & solving, communicating & representing, connecting & reflecting). More details on the course content can be found at the following web site:

<https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/mathematics/en_mathematics_11_pre-calculus_elab.pdf>

**Evaluation**

Tests & Quizzes: 80%

Assignments & Projects: 20%

Students may re-write tests (not quizzes) twice during the course, and the better mark will be counted. Re-write days will fall approximately around interim report card time, and final report card time.

**Students who miss a test or quiz due to absence will be expected to write the quiz or test on the first day back during tutorial time unless prior arrangements have been made.**

**Classroom Expectations**

* It is expected that students will arrive at class on time with the necessary supplies to do their work (pencil, eraser, line & graph paper, textbook, calculator, ruler, etc.)
* Students are allowed to have personal music devices (phones) in the classroom, but they are NOT to be used during instructional/assessment time, unless the DESMOS calculator app is being used.
* Students should use their class time appropriately to ensure that they are getting the most out of their time, and minimize how much work they bring home
* Proper classroom discussion etiquette is expected (active listening, waiting for your turn to speak, raising a hand when you wish to speak)
* Advocate for yourself. If you do not understand a concept, review your notes, ask a friend, or ask Mr.Harris at an appropriate time during class or during tutorial time.
* Check the class website at [www.dnharris.weebly.com](http://www.dnharris.weebly.com) for the current day’s homework, upcoming tests, quizzes and assignments, as well as a copies of the class notes.
* Keep your binder organized, and write legible notes.
* Show your work!