

## Foundations of Mathematics and Pre-Calculus 10

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### Topics:

- Unit 1: Algebra and Number
  - Chapter 4 Exponents and Radicals
  - Chapter 5 Polynomials
- Unit 2: Relations and Functions
  - Chapter 6 Linear Relations and Functions
  - Chapter 7 Linear Equations and Graphs
- Unit 3: Systems of Equations
  - Chapter 8 Solving Systems of Equations Graphically
  - Chapter 9 Solving Systems of Equations Algebraically
- Unit 4: Measurement
  - Chapter 3 Trigonometry
  - Chapter 1 Measurement Systems
  - Chapter 2 Surface Area and Volume

**Text:** Mathematics 10, McGraw-Hill Ryerson

Please bring your textbook to every class. A pdf of the relevant text section will be available online at [www.mrsdildy.com](http://www.mrsdildy.com) if you do not wish to carry your book home each night.

### Supplies:

Participation in class and completion of assignments are minimum requirements for success. Please come to every class prepared to learn by bringing the following: pencils, pens, ruler, scientific calculator and eraser. A neat notebook or binder will record all of your daily class work, notes and homework. Regular use of an agenda or calendar application is highly recommended.

### Extra Help

I am available for extra help at lunchtime and occasionally after school. Please also take advantage of other opportunities for assistance at school (study block, peer tutors etc.) If you are having trouble with any of the topics covered please seek help as soon as possible. Do not wait until the last minute to get help.

### Evaluation

Class Mark (tests, assignments, quizzes, homework).....	80%
Provincial Exam*.....	20%

**Assessment:**

- Assignments – There will be homework assigned daily. How much depends on how well you use your time in class. In addition there will be in class and take home assignments and periodic homework checks.
- Quizzes - There will be a minimum of one quiz per chapter. There are no rewrite opportunities on quizzes, however, you may complete quiz corrections and earn half marks for the corrected questions.
- Tests – There will be a test at the end of each chapter. Test dates will be made clear and given with plenty of notice. Missed tests for excused absences will be made up outside of class time.

**Rewrite Policy:** Rewrites of tests may be available for each chapter provided that adequate effort has been put into preparation for both the original test and the rewrite. This is evidenced through attentiveness in class, seeking help for questions and completion of all assignments.

- Rewrites may not be written during class time. Please see Mrs. Dildy to arrange an appropriate time to write the test.
- Homework assignments for the chapter must be completed prior to the rewrite.
- A review package must be completed prior to the rewrite.
- The rewrite mark will replace the original test mark.

**Website:**

I will post homework assignments, text book links and helpful videos daily at [www.mrsdildy.com](http://www.mrsdildy.com) . The site also contains printable worksheets, extra review materials, study help and exam prep.

\*Note about the provincial exam:

For many of you this will be the first provincial exam you will write. Do not fear! We will spend plenty of time in class practicing, preparing and reviewing for the provincial exam. Additionally samples of old exams are available online for you to view at [www.bced.gov.bc.ca/exams](http://www.bced.gov.bc.ca/exams)

**I look forward to a successful semester with you in Math 10. Please do not hesitate to contact me if you have any questions or concerns.**