

Applied and Pre-calculus Mathematics (20S)

Grade 10 **Introduction to Applied and Pre-calculus Mathematics (20S)** is intended for students considering post-secondary studies that require a math pre-requisite. The topics studied form the foundation for topics to be studied in both Grade 11 Applied Mathematics and Grade 11 Pre-calculus Mathematics. Students will engage in activities that include the use of technology, problem solving, mental mathematics, and theoretical mathematics to promote the development of mathematical skills.

The following units will provide a framework for the course.

Measurement
Trigonometry
Factors and Products
Roots and Powers
Coordinate Geometry
Relations and Functions
Linear Functions
Systems of Equations

Assessment will be based on the following:

- Knowledge and Understanding	50%
- Daily Work/Assignments	7.5%
- Mental Math	7.5%
- Problem Solving	10%
- Exam	25%

Daily Supplies:

- ✓ Three-ring binder with loose-leaf paper. Scribblers make it difficult to hand in assignments.
- ✓ Pencil: Math is much easier to read in pencil! Please come with one.
- ✓ A calculator (make sure it is a scientific calculator, preferably with a fraction option. You should not have to spend more than \$20 for a suitable calculator)



Textbook:

We will be using Foundations and Pre-calculus Mathematics 10 (Pearson) in this course. Please respect the textbook that you've been given. Refrain from writing in it, bending pages, or using it as a folder.

Expectations:

- ✓ Be on time! Arriving late disrupts the class and your learning.
- ✓ You are expected to manage your time in order to meet deadlines. Use an agenda if necessary.
- ✓ If you miss a class, arrange for your homework to be picked up, or find out what you missed before the following class. It is YOUR responsibility to do this!
- ✓ All work should be neat and legible.
- ✓ If you miss a test day, the test must be written the following Tuesday or Thursday. Be prepared for this!
- ✓ Be respectful.



Grade 10 is such an important year- Do not get behind. If you need help, do not be afraid to ask! I am here to teach and guide you through this year. Parents and/or guardians, please feel free to contact me with any questions or concerns.

I look forward to a great year!

- Mr. R Comeault (rcomeault@isd21.mb.ca)