

St. Peter Catholic Secondary School - Mathematics Department
MFM2P - Foundations of Mathematics - Grade 10 Applied



Teacher: Mr. Wright

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The following is an outline of important expectations that will help prepare you for successful completion of this course. Read it carefully!

In The Classroom, Please:

- ✓ arrive on time, wearing school clothes and ready to work hard.
- ✓ come to class with ALL your Math tools: a math binder stocked with lined and graph paper, pencil, ruler, eraser, and a scientific calculator (does not need to graph).
- ✓ participate in all class activities including volunteering answers in class.

NO PHONE ZONE – TIME FOR MATH!

- ✓ Phones and other electronic devices should be left in your locker or bag and otherwise will be stored in the phone organizer for the duration of the class.
- ✓ Having **any electronic device** other than a calculator on your person during a test will result in a mark of **zero**.
- ✓ Parents can call the school in the case of an emergency at 705-745-1358.

Notebooks

- ✓ All students should have a separate 3-ring binder for this class with at least 6 dividers.
- ✓ The date, and your name should be added to the top of each note.
- ✓ Notebooks will be evaluated periodically for neatness, completeness, and organization.

Homework

- ✓ Homework is a very important part of your Math course and will be reviewed.
- ✓ Complete homework means that there has been a written attempt made in your notebook to solve each question.
- ✓ You are expected to check your answers for all work on the day it is assigned.
- ✓ Homework problems and questions will be taken up daily in class.

Missed or Late Evaluation

- ✓ **If you know that you will be away** for some evaluation (due to appointment or student activity) you **must** make arrangements with the teacher, **before** you are away, regarding completion of the evaluation.
- ✓ **If you are legitimately, (unknowingly) absent** for some evaluation, you will complete the evaluation the day you return to class.
- ✓ **If you skip an evaluation**, you will automatically receive a mark of zero for that evaluation.
- ✓ **If you are unable to complete an assignment by the due date**, you must inform the teacher prior to the due date to discuss alternate arrangements.

Extra Help

- ✓ Students who encounter difficulties with the curriculum being presented are strongly encouraged to approach me for extra help right away – don't wait!
- ✓ Use the time allotted during each class to correct homework and ask for extra help.

Course Rationale

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Units of Study

Modelling Linear Relations	Algebraic Equations Graphing and Writing Equations of Lines Systems of Linear Equations
Measurement and Trigonometry	Similar Triangles Trigonometry of Right Triangles Surface Area and Volume
Quadratic Equations	Quadratic Expressions Quadratic Relations Interpreting Graphs of Quadratic Relations

Evaluation of Student Achievement

Students' final mark in this course will be calculated according to guidelines provided by the Ministry of Education and the PVNC Catholic District School Board

Term Work	Final Evaluation - 30%
Term Work 70%	Culminating Task – 15% Exam – 15%

Teacher/Student and Parent/Teacher Communication

- ✓ You can expect a phone call if I have concerns about your child's academic achievement or behavior.
- ✓ If you would like to contact me, the best way to do so is by email.
- ✓ Parents/Guardians please check regularly with the student to see progress on homework, tests, quizzes, and assignments

Please have this form signed and stored in your binder.

Monitoring Student Success:

- ✓ Students: should ensure all work is completed daily and evaluation results are shared
- ✓ Parents: should ensure all work is completed daily and ask to see evaluation results
- ✓ Together: discuss results, celebrate successes, and develop strategies for improvement

Date: _____ Student Print Name: _____

Parent/Guardian Signature: _____