

Math 20-1

Course Outline

danielstudent@gpcsd.ca

Goal

The main goals of mathematics education is to prepare students to:

- use mathematics confidently to solve problems
- communicate and reason mathematically
- appreciate and value mathematics
- make connections between mathematics and its applications
- commit themselves to lifelong learning
- become mathematically literate adults, using mathematics to contribute to society.

Topics

There are a total of 9 units. To begin the course we will be doing a refresher unit of Basic material. At the end of the course any remaining days will be used as review and an opportunity to challenge any past material.

Topic	Days
0. Review	4
1. Sequences and Series	7
2. Trigonometry	9
3. Quadratic Functions	9
4. Quadratic Equation	9
5. Radicals	9
6. Rational Expressions	9
7. Systems of Equations	11
8. Absolute Value/ Reciprocal Functions	9
9. Inequalities	9
Course Review	Remaining Days ~4

Weightings

Course work will make up 80% of each students final grade. This body of work will include assignments, projects, quizzes and unit exams. The

Course Work 80%	Assignments/ Projects	50%
	Quizzes	10%
	Unit Test	20%
Final Exam 20%	Exam	20%

final exam will make up 20% of the students final mark.

All weightings are subject to change at teachers' discretion.

Assignments/Projects

Assignments must be neat and handed in at the beginning of class on the due date specified. All calculations are to be done in pencil. After an assignment has been handed back, no more will be accepted, after that point, students will receive a mark of zero

unless prior arrangements have been made.

In the event of being absent, **it is the student's responsibility to find out what work they missed** and to make every effort to catch up. If you know ahead of time you are going to be absent, please inform me with the dates. Assignments, quizzes and tests are NOT excused if absent.

Quizzes

These will be given at the beginning of class. These quizzes will be short in nature (1-2 questions and should take <15 min) . Students will be given notice of any quiz that is longer than this.

Unit Exams

Will be given at the end of every unit. The test will be gone over the following day. Students will be given a copy of the test after it is marked.

If students do not write on the same day as the rest of the class they will be given an alternate exam to write. Due to time constraints this test will not be gone over and student will not get to take a copy home. they will however get a copy of the initial exam.

Classroom Expectations

1. Attendance will be taken right after the bell. If you arrive after I have taken attendance, you will come in quietly. If the door is locked, knock once and wait for me to answer. I will mark you late and adjust the attendance folder.
2. Missed classes will be dealt with according to the school's attendance policy.
3. Assignments are expected to be handed in on time to ensure timely feedback prior to

students writing any quizzes or exams.

4. Academic misconduct will not be tolerated. Any and all plagiarism and cheating will be dealt with according to the student hand book.
5. You are expected to bring certain items to class every day: pencil, paper, textbook and calculator (TI 84). I will let you know if you need a ruler, protractor, etc. . .
6. Cell phones should be left in your locker. You will not answer them or text during class. If I see this happening, you will put your cell phone on my desk until the end of the block. If it happens again your cell phone will be taken to the office for you to pick up at the end of the day.
7. All music devices (with headphones) may be used after the lesson is over. Only one person will use them at a time (no sharing headphones) and the volume will be set low enough that surrounding people cannot hear it.

Help

If you need help just ask. There are many tutorials you can go to and useful websites to check out.

I am typically available after school and by appointment. I am here to help you any way I can to get through this course.