

College Heights Secondary

Pre-Calculus Math 10 Outline

The BIG IDEAS!

Algebra allows us to **generalize** relationships through abstract thinking.

The meanings of, and **connections** between, each operation extend to powers and polynomials.

Constant rate of change is an essential attribute of linear **relations** and has meaning in different representations and contexts.

Trigonometry involves using **proportional reasoning** to solve **indirect measurement** problems.

Representing and analyzing **situations** allows us to notice and wonder about relationships.

Topics

Unit 1: Right Angle Trigonometry (Chapter 2)

Unit 2: Exponents (Chapter 3)

Unit 3: Polynomials and Factoring (Chapter 4)

Unit 4: Linear Relations & Functions (Chapter 5)

Unit 5: Linear Equations & Graphs (Chapter 6)

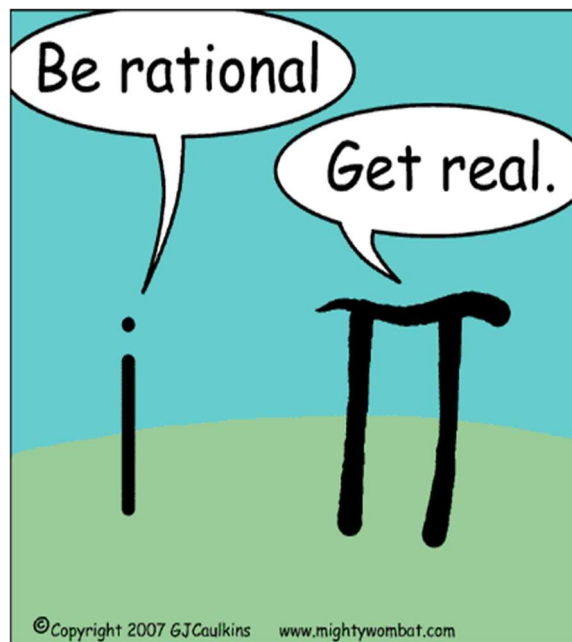
Unit 6: Solving Systems of Linear Equations

Graphically (Chapters 7)

Unit 7: Solving Systems of Linear Equations

Algebraically (Chapter 8)

Unit 8: Finances (Chapter 1)



Final Evaluation:

Course Work	80%
Exam	20%

Course Work:

Assignments/ Practice work	10%
Quizzes	20%
Unit Tests	70%

Classroom and Course Expectations

1. Attendance is MANDATORY! Students are responsible for all assignments and tests missed when absent. Students can access my website to know what material was covered during class.

Lharrop.wixsite.com/website

If a student misses a class, it is up to them to learn the material they missed. They are welcome to ask questions and get additional help on the new topics **at lunch**.

2. Bring all required materials to class. DO NOT count on the teacher to provide you with the basic materials you need to be successful.
3. Cell phones act as distracters in the classroom. Leave them behind to focus on your work. Devices used in class will be confiscated and returned at the teacher's discretion (generally in the office).



4. Washroom, water or other needs should be looked after during breaks. If you do need to leave the room during class time, you may only do so during quiet work time (and not within the first or last 10 minutes of class).
5. Be courteous and attentive during class time, particularly during question and answer periods. Be considerate of others, and raise your hand if you want to comment.
6. Tests and quizzes are to be written on the assigned days. Students should be prepared to make up the test, **out of class time**, on the first day returning to school, or at a later date as agreed upon with the teacher.
7. **Falling behind in the assignments and missing class are the greatest hazards in this course.**

Dear Parent/Guardian,

Regular attendance and punctuality are necessary for your child to be successful in Foundations and Pre-Calculus Math 10. Please encourage your child complete all assignments and do regular review in order for him/her to be prepared for quizzes and unit tests.

If your child had a mark of emerging in Math 9 this course is not recommended. If your child had a developing this course may take additional time to understand the previous concepts before they are able to understand and retain the new Math 10 concepts. Additional help is recommended; school counsellors have a list of available math tutors.

I will hand out mark updates after each unit test. I will also send home an electronic version of the mark update after each test. Please provide your email address below, or you can email me to ensure I have the correct address. If you do not receive any emails by late September, please contact me.

Students can access missed notes and unit calendars on my website, **Lharrop.wixsite.com/website**, at any time. I highly recommend checking this out prior to an absence, just in case your child has any questions.

If you have any questions, comments or concerns, please feel free to e-mail me at Lharrop@sd57.bc.ca or call me at 964-4431 ext. 254.

Please sign below indicating that you have read through the above. This is the student copy of this letter.

Thank you.

Mrs. Harrop
Lharrop.wix.com/website
Lharrop@sd57.bc.ca

Student/Parent Copy
Please keep for teacher contact information.

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Thank you.

Mrs. Harrop
Lharrop.wixsite.com/website

Student Name

Student Signature

Parent/Guardian Name and **email address**

Parent/Guardian Signature

Preferred contact:

Name: _____ Relationship to student: _____

Preferred form of communication (circle one) e-mail phone (provide number)

Teacher Copy. Please sign and return as soon as possible.

Math 10 is a rigorous course that requires additional time and effort. It is a big jump from Math 9 curriculum to Math 10.

Please fill out below to the best of your ability.

What mark did you receive in Math 9? _____

What semester did you take Math 9? 1st 2nd

Do you have a strategy to receive help out of class time? If so, what is that strategy?

What are your expectations for yourself in this course? (ie. mark, homework completion, quiz results)

What are your expectations for your teacher (Mrs Harrop) for this course?
(I'm sorry but asking for reduced assignments is not what I am looking for here!!)

Do you have anything that you would like to share?
