



This course enables students to **consolidate, and continue to develop**, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy.

Students will **use mathematical processes, mathematical modelling, and coding** to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations.

Students will continue to **enhance their mathematical reasoning skills**, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

Units of Study

Unit #	Title
1	Number Sense
2	Fractions and Proportional Reasoning
3	Algebra
4	Equations
5	Linear Relations Part 1
6	Linear Relations Part 2
7	Data
8	Geometry
9	Measurement
10	Financial Literacy

Evaluation of Student Achievement

70 % Term Work (tests, quizzes, assignments, etc.)

10 % EQAO

20 % Course Culminating Assignment

Please note that final evaluations will take place towards the end of the semester and may or may not be as stated. Appropriate advance notice will be given if there are changes.

Classroom Policies

Handouts for each days lesson will be available through the class Teams page - it is up to each individual student to print these off (highly recommended) and bring them to class with you.

Completed PDFs of each days note will be available on the Teams page after each lesson.

Both lined and graph paper are required for this course.

Your responsibility to keep your notes up to date!

A **SCIENTIFIC CALCULATOR** is necessary to cover the curriculum expectations of this course.

Cell phones, graphing calculators, or other electronic devices with storage and graphing capabilities will not be permitted to be used during assessments.

Attendance is essential and will be monitored. It is the **responsibility of the student** to catch up on missed work after an absence.

Homework will be assigned daily and should be completed before the next class.

A portion of each day's class will be devoted to taking up homework.

Assessments and Evaluations

- will be completed in class as per dates on unit outlines
- solutions are to be submitted NO LATER than the time specified in Teams - please note that late submissions will be marked as incomplete; multiple incomplete assessments over the course of the semester may result in loss of course credit

Missed Assessment Policy

It is **your responsibility** to make sure the assessment is completed.

Expect to write the missed assessment on the day of your return from being absent.

If prior knowledge of the absence is known (i.e. appointments, school activities), please have the courtesy to inform me and make alternate arrangements to write the assessment.

Seek extra help early if you are struggling with the course expectations.

It is ***YOUR RESPONSIBILITY*** to get extra help if you are struggling.

All class notes and any announcements will be posted on the class Teams page or sent through your board provided email address.

It is ***your responsibility*** to check the page if you are absent for the lesson(s) you missed and attempt the homework assigned on the unit outline.

In Review... Course Expectations

1. Arrive on time.
2. Bring all materials and be ready to learn when class begins.
3. Participate in class.
4. Complete all assigned homework prior to next class
5. Use of cell phones or other electronic devices for purposes other than completing class work is not permitted. Students who violate this policy will have their devices confiscated and detentions will be assigned.
6. Don't wait to get extra help.