

**MATHEMATICS 9**  
**COURSE OUTLINE: 2024-2025**



**TEACHERS:** D. Harding, M. Maltby Ingersoll, T. Matchett and D. Richard

**TEXT:** *Math Makes Sense 9* (available on TEAMS)

**TECHNOLOGY:**

- Microsoft Teams
  - all copies of lessons, homework and assignments will be posted here daily

**MATERIALS:**

- a scientific calculator (**MUST** have your own; **cell phones, tablets, etc. are NOT allowed in class**)
- a binder with loose-leaf and graph paper for notes, homework, evaluations, etc.
- pencils, erasers and a ruler

**ATTENDANCE:**

- Students will be expected to maintain excellent attendance. If a student is absent from class, they are expected to log into Teams PRIOR to returning to class and ATTEMPT ALL lessons and assignments posted on the days that were missed.
- If a student misses a test, it will be the responsibility of the student to present a satisfactory written excuse and to arrange to write the test on their own time.
- To be eligible for academic incentives, students must miss 7 or fewer classes, be in good academic standing (no missing assignments) and have a passing grade going into the exam. (3 lates = 1 absence)

**TOPICS:**

**9A (SEMESTER 1)**

**9B (SEMESTER 2)**

<b>UNIT 1:</b> Rational Numbers (Chapter 3)	<b>UNIT 1:</b> Powers and Exponents Laws (Chapter 2)
<b>UNIT 2:</b> Square Roots and Surface Area (Chapter 1)	<b>UNIT 2:</b> Polynomials (Chapter 5)
<b>UNIT 3:</b> Similarity and Transformations (Chapter 7)	<b>UNIT 3:</b> Linear Equations and Inequalities (Chapter 6)
<b>UNIT 4:</b> Circle Geometry (Chapter 8)	<b>UNIT 4:</b> Linear Relations (Chapter 4)
<b>UNIT 5:</b> Probability and Statistics (Chapter 9)	

**EVALUATION:**

Summative Assessments	70%
Final Assessment	30%

**ACADEMIC INCENTIVE EVALUATION:**

Summative Assessments	85%	OR	50%
Final Assessment	15%		50%

**A mark of 60% is required to this course. Assessments are written once and only once – no rewrites.**

**MATH HELP CENTRE:**

This year, extra help will be offered to all grade 9 and 10 math students in room 4142.

- **Hours of Operation:**
  - *Monday, Tuesday, Wednesday and Thursday: 12: 25 – 12:55 p.m.*  
(\***YOU MUST SHOW UP BY 12:25 P.M. TO PARTICIPATE.**\*)



**REMEMBER - TO LEARN MATH IS TO DO MATH!**

