



Mathematics 8

Mrs. Mallais . Valleyview Secondary School

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Welcome to Math 8! I look forward to the semester with you ☺

Math 8 is an academic class and I expect all students to try their best. I have very high expectations. This doesn't mean I think you will all get an "A" – but it would be nice!

1. **Show up on time.** Use the bathroom & fountain before class.
2. **Come prepared.** With all your materials AND completed homework.
 - Be in your assigned seat, ready to start class when the bell rings
3. **Do your work.**
 - Listen & follow directions – my job is to teach you
 - Work quietly without disturbing other students – your job is to learn
4. **Respect everyone and everything around you.**
 - People – teachers, students, support workers & TTOC's and property.
 - Certain language is unacceptable in a school environment.
5. **No food or drinks.** (Water with a lid is allowed)
6. **NO CELL PHONES.** Phones will occasionally be used for educational purposes, at all other times, cell phones should be off and away.

What materials will you need for class?

- **SPIRAL NOTEBOOK** – used daily to record class notes and examples
- Binder with lined paper & completed homework
- **PENCIL & eraser** → ALL WORK MUST BE DONE IN PENCIL!
- Hand-held scientific **calculator** – 2-line display is preferable
- The **Math Links 8 textbook** (*not used for all topics – but please bring each day!*)

How will your grade for the course be determined?

- ** **Effort Grade** – Organization, preparedness, assignment completion and attendance
- ** **Achievement grade** – In class assignments, projects, quizzes, tests and exams

There will be an assignment or activity given each day.

Individual assignments will need to be completed at home if they are not done in class.

The learning that results from partner and group activities is impossible to duplicate at home, so please do your best to attend class each day, ready to learn.

Frequent quizzes will be given. These may or may not count towards your achievement grade, but they will help you learn the material. Missed quizzes may be omitted.

Missed tests will be written the first day you return to school.

What should you learn from this class?

Core Competencies:	
<i>How to think critically, solve problems, apply mathematical knowledge to new situations, work collaboratively with other students, and relate what you learn to the world around you.</i>	
For more information on the BC Math 8 Curriculum please visit: https://curriculum.gov.bc.ca/curriculum/mathematics/8	
Curricular Content:	
Fractions	Operations with fractions (addition, subtraction, multiplication, division, order of operations)
Number	Numerical proportional reasoning (rates, ratios, proportions, percent)
	Financial literacy (discounts, sales, taxes, best buys)
	Percent – working with decimal and fractional representations of percent less than 1 and greater than 100
Linear Relationships	Expressions (writing and evaluating using substitution)
	Solving two-step equations where the equations have integer coefficients, constants, and solutions
	Discrete linear relations (extended to larger numbers, limited to integers) Connecting equations, patterns, tables of values and graphs
Measurement	Perfect squares and cubes, square and cube roots Using the Pythagorean Theorem on right angle triangles
	Surface area and volume of regular solids, including triangular and rectangular prisms and cylinders
	Construction, views, and nets of 3D objects
Data & Probability	Theoretical probability with two independent events
	Central tendency (mean, median, mode)

A **Final Exam** (on all topics) will be written at the end of the semester. It is worth 15%.

Occasionally a project will be assigned as a final assessment rather than a test.

Your mark in this course is a “running total” (not the average of two terms). This way you will always know what your overall mark is in this class. Mark updates will be available approximately every 2-3 weeks, usually after a unit is completed.

Please get in touch if you know you will be absent from class: