

# Argyle Secondary School Math Department

## Grade 8 Course Outline 2021

Teacher Ms. S. Lo ([slo@sd44.ca](mailto:slo@sd44.ca))

**Curricular Content** <https://curriculum.gov.bc.ca/curriculum/mathematics/8>

UNIT	TOPIC	UNIT	TOPIC
1	Integers (Adding, Subtracting, Multiplying, Dividing, BEDMAS)	5	Algebra
2	Pythagorean Relationship (Squares and Square Roots)	6	Linear Equations and Graphing
3	Surface Area and Volume of Prism and Cylinders	7	Ratios, Rates, Proportional Reasoning and Understanding Percent
4	Adding, Subtracting, Multiplying and Dividing Fractions BEDMAS with Fractions	8	Statistics and Probability (Mean, Median, and Mode)

### **What are the Expectations?**

You are expected to take an **active role** in this class. This means **thinking, asking questions, contributing to class discussions, making connections, planning for improvement, and taking ownership over your own learning.**

### **Each student is expected to:**

- 1) Come to class on time and bring all materials to class.
- 2) Listen and follow directions the first time they are given.
- 3) Treat others with dignity and respect.
- 4) Follow all policies and procedures set forth by the school.

*Contact Info of Two Students in Class:*

<b>Name</b>	<b>Phone</b>	<b>Email</b>

**What materials are needed for each class?**

1. A 3-ring binder with dividers and loose-leaf lined paper
2. Agenda book to record homework and due dates and exam dates
3. Pens (various colors), pencils, eraser, ruler, and a **scientific calculator**
4. Your creative and inquisitive mind

**Text Books:** There are no textbooks for this course. Instead, please bring your binder to class everyday. Binders must be organized into the units and all handouts should be ordered by date.

**Tutorials:** Extra help is in the mornings (8:45 – 9:15) in room 188. Please send me a text on MS Teams or an email to set up an appointment.

**Electronic Equipment:** Cell phones and other electronic distractions must be turned silent and kept out of sight (in your backpack) unless being used for a specific academic task. Cell phones are not to be used as calculators.

**Washroom Policy:** You need to ask for permission to use the washroom or take a quick break. My only requirement is that at only **one** male/female student may leave the class at a time. Please be back inside the classroom within two minutes.

**Evaluation:** As stated earlier, you will be expected to take an active role and be responsible for your own learning. Every unit will be organized by an overall big idea and specific learning goals, which will be assessed using a variety of assignments, quizzes, and tests. If you are likely to miss a test or require an extension due to illness or any other reason, please **email before the test date/deadline to make alternate arrangements**. Extensions are not granted at the last minute. **Keeping up with class work while you are away is your responsibility.**