Teacher: Ms. Booth/Ms. Teasdale

Room 10/12

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Math 9: Course Outline

Mount Royal School

Math 9 is a foundational math course for all junior high school students. This is a very busy course with many learning outcomes and is critical for success in all future math courses. Students are expected to stay on top of homework and review concepts daily in order to ensure maximum success.

Materials Needed: Notebook/binder, pencil and eraser, scientific calculator, ruler. **These materials must be present each day, no excuses!** The scientific calculator must have exponent and square root functions, bracket buttons and **should not be a graphing calculator.**

**Keys to Success in Math 9!!!!!!**

1. Arrive prepared

2. Complete all homework daily

3. Study for tests

4. Take advantage of extra help that is offered

5. Keep notes and homework organized in notebooks/binders. **Disorganization will work against you!**

6. Have fun!!!!

**Important Reminders and Expectations:**

* Extra help is usually available at lunch, after school or by appointment.
* Digital and hard copy resources will be available and a larger number of them will be posted on teacher websites. This will include access to lessons and assignments from each class, as well as a variety of resources from texts and websites.
* Students are responsible for work missed.
* Detailed study guides and practice questions will be available throughout the units and well before test days.

**We’re setting you up for success… the rest is up to YOU!**

**Assessment**

Students will be assessed on four curriculum areas:

* Number Sense: rational numbers, powers, squares, roots, perfect/non-perfect squares
* Patterns and Relations: polynomials, linear equations, inequalities, and graphing linear relations
* Shapes and Space: circle properties, surface area of 3D composite shapes, similar polygons, 2D scale diagrams, line and rotation symmetry
* Statistics and Probability: probability’s role in society; collection, display and analysis of data