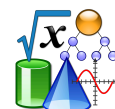




Math 9



ISLAND VIEW HIGH SCHOOL
September 2025 - June 2026

Mrs. Ashley Henry

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<https://sites.google.com/gnspes.ca/mrsahenry/home>

Welcome to Math 9!

Math is the science of finding patterns and connections that exist in a problem. It's not just memorizing rules to solve a problem. Problem-solving and numeracy skills are essential regardless of your career choice. This course allows you to learn how to clearly communicate your understanding while learning the mathematics you need to succeed in a changing world.

Units of Study

The breakdown of our year is as follows:

1) Exponents and Powers (Outcomes N01, N04, N02)	15%
2) Rational Numbers (Outcomes N03, N04)	16%
3) Square Roots and Surface Area (Outcomes N05, N06, G01)	14%
4) Polynomials (Outcomes PR05, PR06, PR07)	16%
5) Equations & Inequalities (Outcomes PR03, PR04)	16%
6) Linear Relations (Outcomes PR01, PR02)	16%
7) Probability and Statistics (Outcomes SP04, SP01, SP02, SP03)	7%

✓ 90% of the final grade will consist of semester work such as class activities, quizzes, concept checks, in-class assignments and tests from each unit of study. There will also be a mid-term exam in January.

✓ 10% of the final grade will be from the final cumulative exam in June.

This evaluation is subject to change based on needs of the school year. Any adjustments will be communicated with students and parents.

Assessment and Evaluation

The purpose of an assessment is to capture where the student is in relation to the learning outcomes. This is completed using observations, conversations and products over the duration of the course. This will be possible through classroom activities, concept checks, quizzes, in-class assignments and unit tests. Students will have multiple opportunities to meet or exceed the outcomes and effectively demonstrate their understanding of course material. If an assessment is missed due to a valid excuse, the student should be prepared to complete the activity upon their return to class. It is the students' responsibility to make arrangements with the teacher to complete all missed work in a timely manner and request support if required.

Textbook

A Math 9 textbook is available for use during class time. Students may request their own copy of the textbook through the library for use at home. A digital copy of the textbook is also available through Google Classroom and Homework Hub.

Resources & Communication

Students are encouraged to visit Google classroom where they will find support videos, class notes, assignments and activities. I also maintain a website which contains a calendar with important dates. Parents and students are expected to continually check PowerSchool to monitor marks, progress, and attendance. Please do not hesitate to contact me via email if you have any questions or concerns throughout the year.

Supplies

- Binder with lined paper (and extra for throughout the year)
- Scribbler
- Pencils, erasers, highlighters
- Scientific Calculator (basic is not sufficient and cellphones are not permitted to be used as calculators)
- Graph paper, ruler
- An agenda is strongly recommended but not required

Technology

Technology such as a Chromebook is used at various times in this course to enhance learning. Students may also use technology to access learning supports such as Homework Hub, Knowledgehook, Google Classroom and a digital copy of the textbook. A cell phone is not considered an appropriate device for classroom use and the school policy for cell phones will be adhered to at all times.

Classroom Expectations & Keys to Success

- Please arrive **on time**. This means you won't miss anything important at the beginning of class and our time together can be most effective!
- Come **prepared** to learn. Every day will include different activities, lessons and course work. You will need an open mind and proper materials for a successful class. Some days may be difficult, but a positive attitude and giving your best effort will go a long way to help you find success.
- Be **responsible** for your own learning. This includes completing all the expected coursework and seeking support when needed. **Practice** is a key component for success in Math 9. You should expect to have 20-30 minutes of homework a few nights a week depending on the unit and your efforts during class time.
- **Respect** all members of our class. This includes yourself, other students, the teacher, and any guests in our room. Stay open-minded to others opinions and use appropriate, positive language in the classroom.

Homework Hub

Homework Hub is available to all students through GNSPES. This provides access to free tutoring, support videos and extra practice problems. Students are encouraged to use this resource as often as possible. Students should also communicate with their teacher if they are struggling with topics and seek opportunities for extra support when available.

Welcome to Math 9 – I look forward to a wonderful year together!