**Grade 9 Mathematics Course Outline and Communication Plan**

Mr. King

The grade 9 math program is a stepping stone to all high school math courses and therefore is an extremely important component of the grade 9 school year. The course will be a combination of textbook work, handouts from various mathematics resources, and working hands-on with manipulatives. It is critical that you, as a grade 9 student, take ownership for completing daily assignments and seeking extra help when needed.

**Units in chronological order:**

* ***Powers and Exponent Laws***
* ***Rational Numbers***
* ***Square Roots and Surface Area***
* ***Linear Relations***
* ***Polynomials***
* ***Linear equations and Inequalities***
* ***Similarity and Transformations***
* ***Circle Geometry***
* ***Probability and Statistics***

**Assessment**

When report cards are issued throughout the year you will be receiving a percentage score based on your performance in meeting the outcomes. There will be some traditional methods of assessment such as: quizzes, tests, assignments, and exams. As well, there will be some less formal assessment methods such as: student/ teacher conversations, and daily in-class observations to see how well the students are meeting the outcomes.

The following percentages and their meanings are what will appear on this year’s report card:

**90-100%** The student demonstrates excellent or outstanding performance in relation to the expected learning outcomes for this course.

**80-89%** The student demonstrates very good performance in relation to the expected learning outcomes for this course.

**70-79%** The student demonstrates good performance in relation to the expected learning outcomes for this course.

**60-69%** The student demonstrates satisfactory performance in relation to the expected learning outcomes for this course.

**50-59%** The student demonstrates minimally acceptable performance in relation to the expected learning outcomes for this course.

**Below 50%** The student has not met minimum requirements in relation to the expected learning outcomes for this course.

Marks in this course will be ***cumulative*** over the entire year rather than splitting the course into terms. This means that marks may change drastically from the early stages of the course as more work is completed.

**Evaluation:** *\* Please note that the following evaluation scheme is subject to change.\**

*Tests (Unit and Cumulative) 35%*

*Quizzes 20%*

*In-class Assignments 15%*

*Conversations and Observations 10%*

*Exams 20%*

**Two week terminal deadlines:** Every assignment has a due date that will be posted. There will be a 2 week period where late assignments will be accepted. After this terminal deadline, a score of zero will be entered for the assignment if it is not handed in.

**Materials Required**

Pencils Erasers Scientific calculator

30cm Ruler Protractor Binder, loose leaf, graph paper and dividers

**Communication:**

An open line of communication between teachers and parents / guardians is very important. Hopefully, this will help each student reach their full potential. I will be contacting you if I am concerned with your child’s progress, behavior or if work is not being completed. I hope that you will contact me with any questions or concerns that you may have and you can do so via email : mdking@gnspes.ca or by phoning the school at 542-6060, room 1823.

*I am currently developing my webpage, accessible through the Horton High School website (www.hortonhighschool.ca), on which you will find course information such as the course outline, assignments, homework, calendar and test dates. Students will also have access to Google Classroom via my website. Please note that there is also a test calendar for each grade level on the Horton website.*

These important dates should also be kept in mind:

Parent Teacher Info Night - Sept. 21st, 7PM

Midterm Reports go home - Nov. 16th

Parent –Teacher Visitation - Nov. 23rd (7-9PM), Nov 24th (1:30-3:30PM)

January Exams - Jan. 26th - 31st

Reports go home - Feb 15th

2nd Semester Midterm Reports go home - April 19th

Parent –Teacher Visitation - April 25th (1:30-3:30PM), April 26th (7-9PM)

June Exams - June 19th - 22nd

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Student signature Parent/Guardian signature Date