MATHEMATICS

DESCRIPTION OF COURSE

This course is aligned with the Common Core Standards for Grade 8. Students will use Into Math as their textbook; however, they will be provided with some worksheets/supplements from other resources relevant to the topics. Topics included in this course are: Equations, Transformations, Angles and Triangles, Graphing and Writing Linear Equations, Systems of Linear Equations, Data Analysis and Displays, functions, Real Numbers, The Pythagorean Theorem, Exponents and Scientific Notation, and Volume and Similar Solids.

STUDENT EXPECTATIONS

Materials needed for class: Laptop, Notebook, Pencils, Eraser, Pencil Sharpener, Rulers, Protractor, Compass, Graph Paper.

Textbooks: Into Math, Grade 8, HMH supplemented by online problems on ixl.com and other resources. The daily instruction on the board will guide the students which resource they are going to use for that specific period. Therefore, the students should look at the board as they enter the classroom.

Students will be given one textbook at the beginning of the year. Students are responsible for that book and will have to return it in the same conditions as they received it at the end of the school year. If a numbered lent textbook is not returned in usable condition by the required date, the family will be asked to pay for a replacement for the book.

Late Assignments: Any assignments/projects that are late, without having made arrangements with the teacher, will have 2% of their total mark for that assignment deducted for each day it is late.

Late Test/Quizzes: If a student informs the school that he/she will be absent on a quiz/test day, the student will have to take the test the next day.

Food and Drink Policy: no food or drink other than water is allowed in the classroom. Students can bring in their own water bottle.

EARNING YOUR GRADE

Your grade will be determined by your work in these categories:

Grade Category	Percentage of your grade
6P	10%
Quiz	20%
Daily Work	25%
Project	25%
Test	20%

The grading scale for this course will be:

Letter grade	Mark range
A+	97–100
A	92–96
B+	88–91
B	83–87
C+	79–82
C	74–78
D+	70–73
D	65–69
F	64 or below

IMPORTANT DATES

Assessment	Date
Chapter 3 – Equations	September 9
Chapters 4 – Angle Relationships	September 29
Project – cumulative practice	September 30
Chapter 1 – Transformation and Congruence	October 19
TEST	October 26
Chapter 2 – Transformation and Similarity	November 18
Project – cumulative practice	November 21
Chapter 5 – Proportional Relationship	December 9
Module 6 – Understand and Analyze Functions	January 20
TEST	January 23
Module 7 – Systems of Linear Equations	February 22
Project – cumulative practice	February 24
Module 8 – Scatter Plots	March 10
Module 9 – Two-Way Tables	April 4
TEST	April 6
Module 10 – Real Numbers	April 28
Module 11 – The Pythagorean Theorem	May 23
Project – cumulative practice	May 26
Module 12&13 – Exponents and Volume	June 8
TEST	June 12