



**GEORGE HARVEY COLLEGIATE INSTITUTE**  
**MFM1P8 – Grade 9, ESL Foundations of Mathematics, Applied**



**Teacher:** M. Konu

**Assistant Curriculum Leader:** A. Chor

**Prerequisite:** None

**Revision Date:** September 4, 2013

**Credit Value:** One (1) Credit

### **COURSE DESCRIPTION**

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

**TEXTBOOK** Mathematics 9. Pearson Education Canada. 2007.  
ISBN Number: 9780321393135 (\$85.50 plus tax and shipping)

### **REQUIRED MATERIALS**

- 3-Ring Binder
- Scientific Calculator
- Writing Materials
- Student Agenda

### **COMMUNICATION OF STUDENT ACHIEVEMENT**

Student progress and achievement are communicated to the students on an on-going basis through: interim progress reports, student-teacher conferences, verbal/written feedbacks, daily practices, formative assessments, and summative evaluations. See student agenda for detailed information on mid-term and final reporting of student achievement of curriculum expectations and learning skills.

Learning is the responsibility of the students. If students experience any kind of difficulty with their studies, access to remedial help is available from the teacher by arrangement. The teacher may contact parents/guardians regarding any concerns about student progress and achievement.

A parent/guardian may contact the teacher regarding any concern or issue about student progress and achievement in person (preferably by appointment), by phone (416) 394-3180, or via email: matthew.konu@tdsb.on.ca.

### **ACCOMMODATIONS FOR EXCEPTIONAL AND ESL/ELD STUDENTS**

Appropriate accommodations for exceptional and ESL/ELD students are provided by the teacher following recommendations as outlined in each identified student's Individual Education Plan (IEP) and/or Annual Education Plan (AEP). See student agenda for more information.

### **ASSESSMENT/EVALUATION**

The assessment/evaluation in this course may consist of a combination of the following:

- Mini-Test/Tests
- Assignments
- Notebook
- Culminating Activity
- Projects/Presentations
- Written Exam

See student agenda for detailed information on school policies regarding attendance, absences, late, homework, late assignments, missed work/evaluations, and academic integrity.

## SUMMATIVE EVALUATION

Summative evaluation is represented by a percentage grade which is a weighted average of the four achievement categories as outlined in the Ontario curriculum documents:

Achievement Categories	Knowledge	Thinking/Inquiry	Communication	Application
Percentage Weightings	30%	15%	25%	30%

### Term Evaluation (70%):

Unit	Topic	Approx. Time	Evaluations
1	Measuring Figures and Objects	15 Hours	Mini-Tests (On-going)(wt.10) Unit Test (End of unit) (wt.20) Unit Test (End of unit)(wt.20)
2	Investigating Perimeter and Area of Rectangles	13 Hours	Mini-Tests (On-going) (wt.10) Assignment (End of unit)(wt.10) Unit Test (End of unit)(wt.20)
3	Proportional Reasoning	12 Hours	Mini-Tests (On-going)(wt.10) Bingo Review (End Unit)(w.5) Unit Test (End of unit) (wt.20)
4	Graphing Relations	14 Hours	Mini-Tests (On-going) (wt.10) Graphing Quests (On-going)10 Unit Test (End of unit) (wt.20)
5	Linear Relations	26 Hours	Mini-Tests (On-going) (wt.10) Bingo Review (End unit)(wt.5) Unit Test (End of unit)(wt,20)
6	Polynomials	15 Hours	Mini-Tests (On-going)(wt.10) Graphing Quest)On-going(wt10 Unit Test (End of unit)(wt.20)
7	Relationships in Geometry	15 Hours	Mini-Tests (On-going)(wt.10) Assignment (End of unit)(wt10 Unit Test (End of unit)(wt.20)

### Final Evaluation (30%):

Final evaluations cover all strands and overall curriculum expectations of the course, across all four achievement categories.

Final Exam	15%	End of course
Culminating Task	5%	End of course
EQAO	10%	End of Course

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I have read the above information and I understand the expectations of this course.

Student Signature: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_