



COURSE DETAILS

Course Code: 0080
Course Name: Math 10F
Credit Value: 1.0
Prerequisite: Math 8

CONTACT INFORMATION

Room 14 McCreary School
MS Teams: Gr 9 Math
Email: jlockhart@trsd.ca
School phone: 835-2083

COURSE TECHNOLOGY

Office 365
MS Teams: Gr 9 Math

COURSE TEXTBOOK

MathLinks 9, McGraw-Hill-
Ryerson, 2009.

SUPPLIES

- 2" – 3 ring binder
- Loose leaf or scribbler
- Graph paper
- Ruler
- Pens, Pencils, Erasers
- Calculator
- Protractor
- Compass

Welcome to

Gr 9 Math

Grade 9 Mathematics (10F) is a foundation course to prepare students for multiple possible pathways in Grades 10 to 12.

The main goals of mathematics education are to prepare students to

- ✓ communicate and reason mathematically
- ✓ use math confidently, accurately, and efficiently to solve problems
- ✓ appreciate and value mathematics
- ✓ make connections between math knowledge, skills and applications
- ✓ commit themselves to lifelong learning
- ✓ become mathematically literate citizens, using mathematics to contribute to society and to think critically about the world

Math Links 9 Chapter # & Topic	Timeline
Course Outline & Expectations	
2. Rational Numbers	Sept – Oct
3. Powers and Exponents	
Unit 1 Test	
5. Introduction to Polynomials	Nov
7. Multiplying and Dividing Polynomials	
Unit 2 Test	
8. Solving Linear Equations	Dec – Feb
6. Linear Relations	
9. Linear Inequalities	
Unit 3 Test	Mar – Apr
4. Scale Factors and Similarity	
1. Symmetry and Surface Area	
Unit 4 Test	May - June
10. Circle Geometry	
11. Data Analysis	
Unit 5 Test	
Review & Final Exam	

PROCEDURES & EXPECTATIONS

➤ Check Your Understanding (Textbook) Questions

These questions are done by the student, for the student; they will never be handed in for grading. Students are expected to refer to the answer key at the back of the textbook to monitor their progress and understanding as they work through a question set. These practice opportunities help both the student and the teacher assess whether or not the student has developed an appropriate level of understanding prior to being given a summative assessment which will contribute to the final grade.

“Math is not a spectator sport. The only way to learn math is to do math.”

➤ Homework

You won't have homework every night, but when it is assigned it is expected to be completed on time. In order to get the greatest benefit from scheduled direct instruction, students need to be prepared, which means having assigned work completed.

➤ Incomplete and Late Work

Work is to be completed on time and to the best of the student's ability. Late or missing assignments will be penalized as outlined in the school student handbook, “Upon teacher discretion a maximum of 5% may be deducted for every day the assignment is not turned in. If the assignment is not turned in after two weeks or at the start of a new unit, the assignment will receive a mark of zero.”

➤ Outcome Quizzes

Short (one-page) quizzes will take place regularly to assess individual course outcomes. These assessments will be done independently during class time. They typically take approximately 15 minutes to complete.

➤ Re-writes for Outcome Quizzes

If a student is unhappy with their grade they may meet with the teacher to discuss the possibility of completing a re-write. Re-writes for quizzes are possible, however, students must earn the opportunity to complete a re-write. The final decision is at the discretion of the teacher.

➤ Unit Tests

There will be 5 unit tests throughout the course. Each unit test will consist of two or three related chapters from the textbook. Unit tests are designed to be completed within an hour, however additional time may be granted depending on the situation. Students will have access to the information they compile on their unit study sheet during the test.

➤ Re-writes for Unit Tests

Re-writes will not be available for unit tests. Instead, **students will have two weeks to correct any mistakes on the test and resubmit the test. In doing so, students are able to earn back half of the corrected marks.**

➤ Academic Dishonesty

Academic dishonesty, including, but not limited to inappropriate collaboration, plagiarism, and cheating is a severe offence and will be dealt with according to the policy outlined in the school handbook.

➤ Student Lates

Students who are late for class are asked to come in quietly without causing a disruption. Students who make a habit out of being late may not be allowed into the room if class has already begun.

➤ Student Absences

Please let me know ahead of time, if you know you will be absent. If your absence is unexpected, you can message me on Teams to discuss next steps. Either way, if you are absent, YOU are responsible for finding out what you missed and making up all missed work. If you have an excused absence for the day of a test, please make arrangements to write it the day you return to school. If you skip a test or quiz you will receive a zero.

➤ Extra help

Arrangements can be made for in person extra help before or after school or during lunch hour. Students can also ask for clarification or feedback via email, MS Teams chat or discussion post, or schedule a Teams meeting. Just be honest with yourself, your parents and with me.

➤ Edsembli

Families can contact the office to set-up an Edsembli account. This allows parents (and students) to log-in to their markbook and see their individual assessment scores as well as their overall grade for each course you are enrolled in.

mRLC

In 2016/2017, Turtle River School Division joined a learning network that introduced us to PEI's instruction model. We will be continuing to incorporate these best practices again this year. As a student, you don't need to really worry about the mRLC model of teaching and learning. Mrs. Lockhart will tell you everything you need to know. However, as a student in this class you will be expected to complete some assessments throughout the year as well as complete a few math exercises that will quickly become part of our daily classroom routine.

There will be 4 mRLC quizzes spread out over the year. Each quiz is 10 multiple choice questions that are meant to assess students' understanding of the foundational outcomes from the course. These quizzes have a weight of zero, which means they do not impact the student's overall course grade. However, they are very important as they provide feedback on strengths and weaknesses and guide the direction of future lessons to allow for targeted instruction.

At the end of the year, students will complete the mRLC Baseline Assessment which is a cumulative assessment for the course. Again, this assessment has a weight of zero, which means it does not impact the student's overall course grade. However, it does act as a very good indicator for students' level of understanding and therefore probability of success in the final exam and the following year.

SUMMATIVE ASSESSMENT

Topic	Assessment Items	Weight of Category	Weight of Overall Grade
Outcome Quizzes	Quizzes will be given regularly to assess individual course outcomes. There are usually two or three outcomes per chapter.	30%	70%
Chapter Reviews	At the end of each chapter students will be assigned a review that is to be completed. Ideally this review would be handed in for marking before writing the test.	20%	
Unit Study Sheets	Prior to each unit test, students will create a personalized unit review/study notes that can be used during the test. Students are allowed a one-sided 8.5"x11" paper per unit.	10%	
Unit Tests	Unit 1: Number Sense (Ch 2 & 3) Unit 2: Polynomials (Ch 5 & 7) Unit 3: Linear Relations (Ch 6, 8 & 9) Unit 4: Similarity & Surface Area (Ch 4 & 1) Unit 5: Circle Geometry (Ch 10)	40%	
Final Exam	All students will be required to write the final grade 9 math exam in June.	100%	30%

BEHAVIOURAL ASSESSMENT

Personal Management Skills

The student self-monitors own behaviors and personal growth, organizes for learning, contributes positively to the learning process and takes responsibility for work completion.

Active Participation in Learning

The student participates actively in learning, is curious, sets learning goals, self-assesses, provides feedback, and uses feedback for improvement.

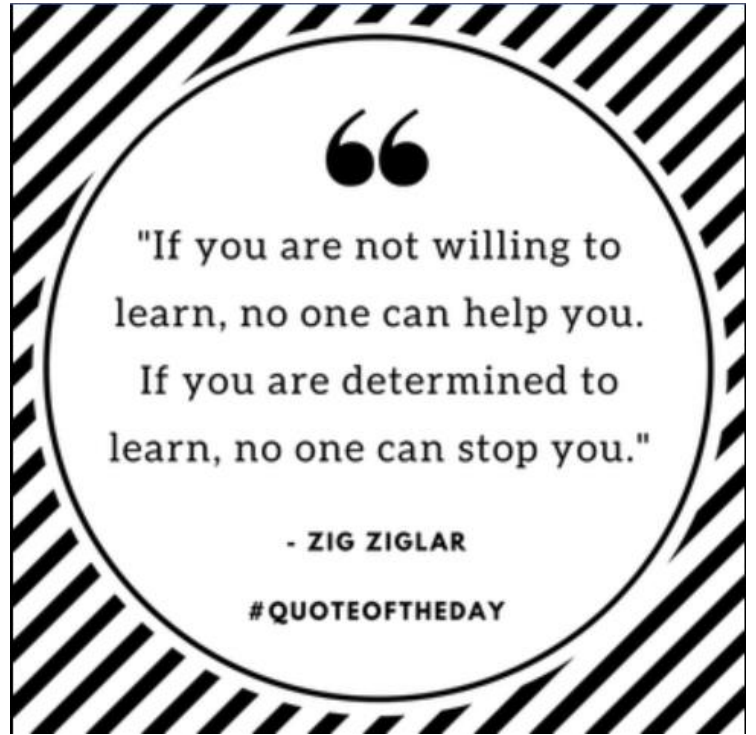
Social Responsibility

The student demonstrates citizenship and social skills that contribute to making the classroom, school, and larger community a positive, safe and caring environment.

A Letter to Parents – Grade 9 Math

Students are encouraged to speak to me directly as soon as any questions, concerns or problems arise. Parents are also encouraged to call or email anytime you'd like to express concern or request information regarding your child's progress in the course. On that note, there may be times when I have a concern that I would like to address prior to the next report card or progress report and email is the easiest way for me to do this. If possible, please provide me with your email address below. If you do not have an email, please provide a phone number that could be used to reach you during the day. I'm looking forward to a great year.

Mrs. Lockhart



Student's name _____

Student's signature _____

Parent / Guardian's name(s) _____

Parent / Guardian's signature(s) _____

Parent / Guardian Email Address _____

Parent / Guardian Day-time Phone _____

Any initial comments or concerns _____
