

Math 10F

2018-2019 – Semester 1 & 2

Teacher: Ms. Spring

Contact Information: aspring@trsd.ca

Class Website: www.springadventures.weebly.com

Course Overview

Welcome to Grade 9 Math! Mathematics is a common human activity, which is done throughout life. Every day, we can see how important math is in a rapidly advancing society in areas such as technology and science. This course is designed to give you greater proficiency in mathematics and will increase the opportunities that are available to you, as an individual. As a student, you will explore problem-solving techniques, accommodate changing conditions, and actively create new knowledge in striving for self-fulfillment by becoming mathematically literate.

*Grade 9 math will consist of the following strands:

STRAND	UNIT
Number	<ul style="list-style-type: none"> ▪ Powers & Exponent Laws ▪ Square Roots ▪ Rational Numbers
Patterns & Relations	<ul style="list-style-type: none"> ▪ Linear Equations & Inequalities ▪ Linear Relations ▪ Polynomials
Shape & Space	<ul style="list-style-type: none"> ▪ Measurement & Similarity ▪ Transformations ▪ Circle Geometry
Statistics & Probability	<ul style="list-style-type: none"> ▪ Data Collection & Analysis ▪ Societal Implications of Statistics and Probabilities

Materials Needed: Loose leaf w/ ringed binder, pencils, eraser, red pen, calculator, highlighters, ruler

Textbook: Math Links 9

Classroom Rules & Expectations:

All members of the classroom will...

1. Commit to making the classroom a safe space. Therefore:
 - a. All members of the classroom will **be respectful of the opinions, ideas, culture**, and overall person of other members of the classroom, whether they agree with them or not.
2. **Respect their classmates' right to learn & work within a school environment.** Therefore:
 - a. There will be no talking during instruction, and no distracting behavior during work time.
3. **Use technology in a relevant and respectful manner.**
 - a. **CELL PHONES-** Students will check their phones into the cell phone hotel when they enter the classroom and will check their phone out at the end of class. If the cell phone is checked out of the hotel without permission during class or has failed to even check into the hotel, the device will be handed into Ms.Spring for the remainder of the school day. If there is a second offense, the device will be handed into the office overnight. Each additional offense after that will add a night to the devices sleepover in the office. (3rd offense= 2 nights in the office, 4th offense= 3 nights in the office etc)
4. **Come prepared for class** by bringing any tools and materials necessary for class.

Assessment Guidelines:

- **Assignments** are due at the beginning of class on the predetermined due date.
 - If this is a problem, you are expected to discuss this with me ahead of time.
- **Late assignments** will receive a zero until the assignment is handed in.
 - If assignments are continually handed in late, a parent-teacher-student conference will occur.
 - Once a unit of study has been completed, you may no longer hand in assignments for that unit.
- **Plagiarized assignments** will receive a zero until the assignment is redone and resubmitted, and will warrant a serious discussion with Ms.Spring, your parents, and possibly administration.
- **If you miss a class** or come in late, it is your responsibility to find out what you missed and access the materials.

Evaluation

Daily Assignments/Tests/Quizzes/Projects	70%
Final Exam	30%