Foundations 20

## Ms. Warnock

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Welcome to Mathematics 20! This course is intended to introduce students to Mathematical processes relevant to everyday life. Problem solving and mathematical reasoning skills will be emphasized. The skills learned in this course will provide students with the mathematical skills necessary for success in future math courses.

### Homework

Students should do **Minimum of 30-60 Minutes** of Review & Homework at least 5 days per week. This time is to be used to do textbook problems, review notes or redo assignments. You are responsible for staying on schedule. If you fall behind you will be expected to spend time in Pink Paradise over noon hour or with me after school get caught up. Completely homework will help you avoid giving up your free time!

## Course Breakdown

We will be covering the following topics as per the Saskatchewan curricular outcomes:

1. Systems of Linear Equations (from Foundations 10)

2. Systems of Linear Inequalities

3. Quadratic Functions and Equations

4. Properties of Angles and Triangles

5. Acute Triangle Trigonometry

6. Oblique Triangle Trigonometry

7. Inductive Reasoning

8. Statistical Reasoning

9. Proportional Reasoning

\*Certain units need to be completed together but you will have some choice in the order you complete others as long as you remain on schedule\*

##### Textbook

Foundations 11 – Nelson Education

##### Materials needed

Binder, lined paper, graph paper, ruler, pencil, and a Scientific calculator – Make sure your calculator has the following: sin, cos, tan, x2 or ^, EE or EXP, log

Smartphones/devices will not be allowed to be used as calculators

## Evaluations

**Daily course work** will not be marked but due to the difficulty of this course it is highly recommended that you complete all recommended practice problems to ensure your success. Unmarked course work will be taken into account if a rewrite of a unit test is requested.

**Marked work:**

**Hand in Assignments** will be given out at the beginning/middle of each unit and must be completed before you can take your test

**Unit Tests** will be given at the end of each chapter. Some of these are online through moodle. You have 1 hour to complete them.

**Course Final** will be comprehensive and there will be multiple days for review

**\*\***If for some reason you are unable to complete course work on time please come and discuss it with me ahead of time.

\*\* Rewrites of Unit tests may be allowed if the student has demonstrated completion of all chapter assignments as well as a rewrite review assignment.

## Attendance

Success in school is directly related to your attendance. If you miss a test or quiz you will be required to complete the work as soon as possible either before school, at noon, or after school. You will be responsible to catch up on your own time.

## Cell Phones

Cell Phones and similar devices will not be used in class. They may be used for music with permission from the teacher. Any use of Facebook, Instagram, Snapchat, other social media sites or Games will not be tolerated during class time. Any offense in breaking the above rules will result in the creation of a “Parole Card”. **First offense:** Cell phone is taken away until the end of class. **Second offense:** Cell phone is taken away until the end of the day. **Third offense:** Cell phone is sent to the office.

## Help Times

If you need help please approach me during class worktimes, noon, or right after school. I will make sure I am available to you if you need extra help or revision. All you need to do is ask!