Name:_____

Welcome in Math 9

Please feel free to contact me at any time:
Teacher: Mrs. Dagmar Ferris
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Course Description:
Math 9 is a course that will provide students with opportunities to further their knowledge, skills, and appreciation of mathematics. A further goal of this course is to encourage students to look beyond calculations.

In our Math 9 classes, we use a blended learning model. In addition to teacher-led lessons and worked examples, students will have access to *Moodle. Moodle* is an online math tool that can be used both in the classroom and at home to help support what is being taught in class. It can also help students catch up if they have missed classes or work ahead if they choose to do so.

Course Content	Timeline	Number of classes
Review	January	2-3
Unit 1: Numeracy	January-February	10-14
Unit 2: Exponents	February	10-14
Unit 3: Equations	February-March	10-14
Unit 4: Polynomials	March-April	10-14
Unit 5: Linear Relationships	April	10-14
Unit 6: Geometry	April- May	10-14
Unit 7: Data Analysis	May	10-14
Unit 8: Finance	May	10-14
Review for Final Exam	June	4
Final Exam	June 6th-12th	2-hour exam

Resources required:

- Pencil and eraser
- Ruler with metric scale (**not** inches)
- **Scientific non-graphing calculator –** A student may borrow a calculator for the semester against a $20 deposit. Should the $20 deposit not be compatible with the student's family budget, a student, with a written parental consent, can make an agreement about the loan with the teacher.
- Lined paper. Graphing and other paper will be provided.

Moodle can be a very useful tool for students working on math at home, catching up on missed work, or working ahead, as it offers:

- Online lessons
- Guided note-taking supplements/examples for each lesson (printable)
- Online step-by step guidance for challenging questions in practice assignments

Assessment and Evaluation Plan:

1. Test topics and dates will be announced in advance. Students are encouraged to make an arrangement with their teacher to write a missed test as soon as they return to school after their excused absence. **Students with excellent attendance record and work habits will be granted opportunities to demonstrate their understanding and knowledge in alternative ways if they are dissatisfied with their test mark. This can be scheduled for a lunch break or after school hours.**

2. Quizzes will be written online with the option to use notes and assignments. Any quiz can be taken twice and the higher score will be considered; both attempts completed before the unit test. Assignments (group projects, in-class and other assignments) will be checked regularly, and may be collected without prior notice**. It is expected that students will demonstrate the steps leading to their answer in all work**. Unsubstantiated work will not be credited as the process leading to an answer is often more valuable than the answer itself. **Early and timely submissions of assignments (before the unit test is written) will earn the right to resubmit either partial or entire work for a higher mark.**

3. Students are expected to complete all practice assignments and **check their work regularly with the answer key.**

4. Attendance and behaviour expectations for tests are the same as the school's expectations of students for final exams. No phones and no collaboration with others.

5. Copying other people's work, enabling others to copy one's work, and using unauthorized material during quizzes and tests is considered plagiarism. Plagiarism is a severe offence, and it will be taken into consideration during evaluation.

6. Students are expected to clearly identify all the resources and references they use to complete any given project or assignment whenever applicable.

7. ***Conversations among peers and with a teacher are essential components of assessment and evaluation.** Peer talks and small group and whole-class discussions will be used to determine the level of understanding, to emphasize connections with already known and mastered material, and to allow students multiple opportunities to communicate their understanding and to voice their questions in a safe environment.

8. *Students' ability to work independently, to effectively and respectfully cooperate with others, to assess their own

work and the work of their peers, to set goals, and to plan strategies to achieve the goals will be observed, assessed and evaluated.

10. **Final exams** will be given during the school-wide exam period from January 12th to January 18th. Students that demonstrated a thorough understanding of the course material may choose to write the final exam earlier in the semester. Such students would then work on challenging and enriching math problems appropriate for their level of knowledge.

CALCULATION OF CLASS WORK MARK:

Tests	40%
Quizzes*	15%
Assignments and classroom participation*	25%
Final Exam	20%
Total	100%

Specific policies/procedures for this course:

- Students are expected to show respect for their classmates and teacher(s) by arriving to class prepared and on time.
- Cell-phones, laptops, i-pods, i-pads and other electronic devices are not to be used by students while in class with the exception of school laptops used for online quizzes and school i-pads used for graphing.
- Students are expected to maintain the necessary work habits in order to adhere to the course schedule. It is the **student's** responsibility to seek help during class or, by prior arrangement, outside of class time.
- Homework is an essential component of the course.
- **Students are responsible for work missed due to absence. Extra help with missed material will be available after the student has obtained and attempted the missed material.**
- Assignments, due dates, and study information will be available on my teacher page: https://mrsferrismathandscience.weebly.com/

- Please feel free to contact me at any time: dagmar.ferris@yesnet.yk.ca

"Apples are fine, but I find today's teacher prefers a nice latte."

Scratch that, today's teacher prefers that you show up on time and prepared to learn.

How to be successful in Math 9?

- **Attendance is the key to success.**
- Be prepared for class with binder, paper, pencil, eraser, calculator, and earphones (if you want to access online lessons)
- **Complete practice assignments** and check your work regularly with answer key.
- **Ask for help when you needed:** ask your classmates (ask 3 before me), EA or a teacher.
- **Try hard** to complete unit tests on your own (with no or little help).
- **Keep organized** and **work hard** to master the required skills during our allotted time.
- Get **extra help** if you needed. You can work with me during lunch, go to "Lunch Time Tutoring" in the LA room (#224), access after-school tutoring when the program starts in September, or arrange for after-school tutoring with me.

Please answer the following questions:

1.What do you like about math?

2. What are your expectations and goals regarding this course?

3. What do you expect from your teacher?

4. What are your post-secondary plans?

5. What areas of math are your favourite?

6. What areas of math, if any, do you find frustrating?

7. In general, what are you good at?

8. What would you like to improve on this semester? And how can I help you achieve your goals?

This handout is to inform students and parents/guardians of the expectations for this course. Please sign and return. Thank you.

Student full name: _____ Student signature:_____

Parent/Guardian signature:_____ Date:_____

To Parent(s) or Guardian(s):
Please let me know if there is anything I should be aware of. Thank you.