**Math 9 Course Outline & Expectations**



**Gaetz Brook Junior High School**

**2021-2022**

**Teacher:** Mr. Eric Simpson

**Email:** esimpson@hrce.ca

**School Phone:** (902) 827-4666 EXT 7181302

**Twitter: @**MrSimpsonMath



**What materials do students need?**

The following materials are required for the courses.

**Please check with your child throughout the year to ensure they still have enough pencils and paper.**

|  |  |
| --- | --- |
| Binder Loose-leaf and graph paperPencils | EraserRulerScientific Calculator |
| Recommendation for scientific calculator:$30 - https://www.amazon.ca/Instruments-TI-30XS-MultiView-Scientific-Calculator/dp/B000PDFQ6K$15 - https://www.amazon.ca/Instruments-TI-30X-Scientific-Calculator-Accents/dp/B00000JBNX* **It is strongly recommended you purchase a graphic calculator like the two mentioned above.**

**Less expensive versions of similar calculators can be purchased for under $10.****However, if you do not purchase a calculator the teacher will have some you can borrow for the class but they must be returned at the end of the class.****What happens if a student misses a class?** Students are responsible to find out what they have missed and get any notes and/or handouts. All missed material can be found by checking Google Classroom.**How will the teacher communicate homework?**Students can expect to be assigned some form of homework every night. Homework checks will take place daily. All homework will also be posted on the google classroom. If students are not completing homework on a regular basis the teacher will contact home.**When can students get Extra Help?**If a student would like extra help they need to speak to the teacher to arrange extra help which can take place during the lunch hour. **What resources will students use?**Students will use *Math Makes Sense 9*. **A copy of this textbook will be available to all students digitally on Google Classroom.****Course Outlines:** The courses are divided into units. Within each unit there are many outcomes students will learn. Students will have time to explore and apply these outcomes collaboratively and independently. Many outcomes taught in the early units are required in the later units, so it is important for students to keep their material throughout the year.   **Math 9 Units** 1. Powers and Exponent Laws
2. Rational Numbers

4. Square Roots and Surface Area 5. Linear Relations 6. Polynomials7. Linear Equations and Inequalities8. Probability and Statistics\* Similarity and Transformations (Maybe covered if time permits)**How will students be assessed?**Student understanding of outcomes will be assessed through student observation, conversations, and student performance on check-ins/exit slips, assignments, projects, quizzes, tests and a final exam. **The** **dates of upcoming most assignments will be posted on Google Classroom.****Note: The final cumulative exam (everything taught from September to June) will be written at the end of the school year. This exam will be worth 10% of the students’ final mark.** **Levels of Achievement**Each outcome is assessed a minimum of three times, therefore students have multiple opportunities to succeed at each outcome. Formative assessments are given when learning a new outcome. This allows teachers to pinpoint any misunderstandings and provide students with feedback so they can improve their understanding and be more successful on the next assessment with the same outcome. Every outcome will be assessed on a 1 to 4 scale. **1** or **2** are NOT meeting grade level expectations, whereas **3** or **4** are meeting the expectations. |

|  |  |
| --- | --- |
| **Achievement Level** | **Description** |
| **4** | In‐depth knowledge and understanding of content and concepts. Able to extend the application of related skills. |
| **3+** | Competent + |
| **3** | Competent knowledge and understanding of content and concepts. Appropriate application of the related skills. |
| **2+** | Developing + |
| **2** | Developing knowledge and understanding of content and concepts. Developing in the application of the related skills. |
| **1+** | Limited + |
| **1** | Limited knowledge and understanding of content and concepts. Limited application of related skills. |

**Report Card Language**

There are three terms in Junior High School. Students will receive three report cards throughout the year. The report card will show a percentage mark for any units taught from September to the end of that term.

The following will be used to summarize the math performance pertaining to the math outcomes:

**90-100%** - excellent or outstanding understanding of the concepts.

**80-89%** - very good understanding of the concepts.

**70-79%** - good understanding of the concepts.

**60-69%** - satisfactory understanding of the concepts.

**50-59%** - minimally acceptable understanding of the concepts.

**Below 50%** - minimum requirements to show understanding of the concepts not met.

**How can students succeed in this class?**

- Respect yourself and give yourself the opportunity to succeed by participating, trying, and challenging yourself.

- Have a growth mindset.

- Attend class regularly.

- Respect the classroom and learning environment, including your classmates and their belongings.

- Keep a positive attitude.

- Try your best and ask questions if you don’t understand.

- Come prepared for class! **You must bring a pencil, binder for every class.**

- Be committed to completing both the work in class as well as homework.

**Remember: Every accomplishment starts with the decision to try!**

*Parents/guardians and students are welcome to contact me any time if you have any questions or concerns.*

**Confirmation of Reading the Math 9 Course Outline & Expectations**

To ensure that both students and parents/guardians have received and read the Math 9 Course Outline & Expectations, I ask that you both sign this form and return it to me as soon as possible. I have also added a section for parents/guardians name, email, and phone number so that I can be in contact with you regarding your child’s progress. This form will be saved for future reference. **Please keep the other pages of this document for reference.**

We, the undersigned, attest to having read and understood the Outline and Expectations for Math 9 offered by

Mr. Simpson at Gaetz Brook Junior High



 **Student’s Homeroom**

 

 **Student’s Name**  **Date**

 ****

**Parent’s or Guardian’s Name Date**

**Additional Information:**

What is your preferred way to contacted if needed? Email or Phone

Does your child have access to the internet at home? Yes or No

Would you like to receive emails to inform you about your child’s homework and upcoming assessments from Google classroom? Yes or No

Is there a particular parent/guardian who should be contacted first?