

# *Welcome to Math with Mr. Sheffield*

## *Math 9*

### **Teacher and Contact Info:**

Mr. B Sheffield in room 527. Email: [bsheffield@sd44.ca](mailto:bsheffield@sd44.ca). Students are welcome to drop by with homework questions, test corrections or seek help with missed work before school on most days or by appointment. Just email. If you are likely to miss a test or require an extension due to illness, sports, or any other reason, please email the night before a test or deadline. Extensions are not granted at the last minute.

**Additional help and tutorials are often available from your teacher or on line: please google your topic and grade: eg. Google: Khan Academy grade 8 integers or google “grade 8 integers” or “grade 9 fractions” or use the PIVOT program in room 224 (LAC) on Wednesday and Thursday from 3-4.**

For students struggling with basic skills the Kumon math program can be very useful and is located in the Lynn Valley Mall area. Call 800 222 6284 for details. Information for private tutors is available from the counseling office. Remedial work sheets on integers, fractions and algebra are available.

### **Text Books**

Please make sure you put your name in the text along with the period, current year and your teachers name and room number so that the book can easily be returned if it becomes lost. The replacement cost of text books is about \$100. Serial numbers at the end of the year must match those that are recorded at the beginning of the year. Please record any damage to the text on the text book form. AW math 10 and 11 work from a work book in class which is provided by the school. Please put your name on the edge of the book.

### **Supplies:**

You will need a three ring binder and loose leaf paper, a pencil, eraser, ruler, red pen and a scientific calculator. Math work is best done in pencil. Generally Cell phones are not permitted on exams or in class. You need a calculator. A TI-30X is a good general calculator.

**Graphing Calculators:** Graphing Calculators are not required but are handy for students going on in math and science at higher levels. If you are considering purchasing a graphing calculator you should buy a TI 83+ or TI 84 as these are the standard graphing calculators used in schools. The 83+ sells at Staples for around \$100.

### **Classroom Procedures:**

Please make sure you are here on time and have your books and homework out at the beginning of each period when the bell rings. Quizzes and homework checks typically occur in the first few minutes of class. **Please get the phone number and email of at least one other class member so that you can find out about any missed assignments if you are away.** Keeping up with class work, while you are on holiday, on field trips and sports, or away due to illness is your responsibility. Tests missed for legitimate reasons must be made up as soon as you return to school. It is up to you to make suitable arrangement via email, or you may receive a mark of zero. Cheating, taking photos of tests, or skipping tests will result in a score of zero.

**Marks: (grade 8 and 9 assessment practices are currently changing with the new curriculum and will be updated as the school and district update their assessment practices over the coming months.)**

In general, final grades are a combination of tests and quizzes (summative assessment), homework assignments (formative assessment), projects and activities (performance based assessment). There is a final exam worth 25% of the years mark at the end of the course and a mid term in January. The majority of marks come from tests. Most tests will be given back to students and must be corrected on a separate sheet of within one week of

getting them back and stored in your binder. Answers will be posted so that you can take a picture with your cell phone.

**Curriculum:** Please see <https://curriculum.gov.bc.ca/curriculum> . In addition to the regular curriculum we complete units on computer applications using Excel and personal finance.

**Electronic Equipment:**

Cell phones and other electronic distractions must be turned off and kept out of sight unless being used for a specific academic task. Cell phones are not to be used as calculators except when using specific apps. If cell phones are being used inappropriately, they may be confiscated. Confiscated electronic equipment may be kept to the end of the day or until a parent comes to pick them up. The classroom teacher and the school accept no responsibility for lost or stolen electronic equipment brought to class or confiscated.

**Food:**

Food is permitted so long as all garbage is properly disposed of. If garbage becomes an issue food and drinks will have to be banned. Please take your social responsibility seriously.

**Organization:**

- 1) Be sure to clearly label all assignments with course, block, sections and assignment on the left and your First and last name on the right.
- 2) Write down the question, show your work in a vertical progression, and check your answers in the back of the text. Mark each question with a  an **X** or a **?** Make sure you try to correct all mistakes by reviewing examples, notes, checking answers and asking for help either in class or during tutorials. Getting your work started in class makes a big difference.

**Example Assignment**

*Math 8, Sec 1.2 p 23 Order of Operations (BEDMAS)  
Q# 1a,2,3abc,4,5d,6e,7all*

*Fred Stubbs Gr 8 – 3 (period)*

*Check: 3a*

1a)  $1 - (-2) = 3$

2)  $(-3)^2 = 9$

3a)  $-3^2 = 9$  **X**

10 - 3<sup>2</sup>    Corrections  
10 - 9    square first  
- 3<sup>2</sup> = -9  
Square first then do  
subtraction

3b)  $2 - 3(2 + 1)^2$   
 $2 - 3(3)^2$   
 $2 - 3(9)$   
 $2 - 27$   
 $-25$

Reviewing for tests is much easier if you can view your mistakes and corrections for each section. Keeping a good notebook and record of assignments and corrected tests over the course of the year contributes to both your understanding of math, your achievement and your organizational skills. Test may include a review section which covers work from previous chapters and tests which you have had a chance to correct.