

MATHEMATICS 9 - COURSE OUTLINE

Teacher: Mr. B. Quast

Room: 106

email: bquast@sd61.bc.ca

Text/Workbooks: *Theory & Problems for Mathematics 9* by Mickelson (2016)

Two options: (1) Purchase a Mickelson workbook for \$28 and do assignments in it.

(2) Borrow Mickelson workbook from the library & do assignments on lined paper.

Daily Materials: workbook, binder, lined paper, chapter notes, pencil, eraser, scientific calculator, ruler

| <u>Marks Distribution:</u> | Course % Breakdown |
|------------------------------------|---------------------------|
| Tests | 55% |
| Assignments, Quizzes, & Activities | 25% |
| Final Exam | 20% |

Achievement:

Marks will be emailed at the end of each week to both student and parent emails.

Webpage: The course webpage is mrbquast.weebly.com, then click on *Math 9*. Click on the *Course Calendar* (right under the picture at the top of the page) to see daily assignments, quiz and test dates.

Tests:

Tests will be completed at the conclusion of each chapter. Students should study over the course of two to three days for tests. If a student has an unexcused absence (no note and not on school's excused absence list) on test day, they will receive a zero for the test. If a student has an excused absence, the test will be written as soon as possible upon return.

Test Rewrites:

You can rewrite up to two chapter tests. A rewrite may occur during the semester (ie at lunch), or you can do one or two rewrites in the last couple weeks of the semester.

Quizzes:

Quizzes will usually be given once or twice per chapter and will be at the start of class, right after a short homework question session. The key to success on quizzes is to complete the daily assignment, and ask questions about the homework before the quiz. If a student misses a quiz, the student will receive the subsequent test percentage for their quiz score.

Assignments:

Daily assignments will be given and students are expected to complete them to the best of their ability before the next class. Students must show any relevant work and visibly mark their work for it to be considered complete. Assignments will be evaluated for marks.

Activities & Group Problem Solving: At various times throughout the course, students will be working on group problem solving and/or activities. These assignments help students to apply mathematical concepts learned during the course. One activity that will be ongoing throughout the course is the Logic Puzzle Booklet, which students will work on whenever they have extra time in class.

Binder:

Binders should be organized so students can easily find what they need. Here's a recommendation for organization:

Section 1: introductory information such as this outline, and other course info sheets

Section 2: notes

Section 3: completed tests, quizzes, retest assignments, and projects

Section 4: assignments & activities, starting with the course assignment list

Make a commitment to keeping an organized binder from the very first day, and if an effort is made every day, it should be no problem to upkeep.

Attendance & Absences:

If you miss a class, you can still stay current by using the Course Calendar and the webpage to access information learned in class. If you know you will miss an upcoming class, bring a note and talk to me about what you will miss beforehand so that you can work on it early.

- If you copy an assignment, you will receive a zero for that assignment.
- If you are late, please enter the class quietly without disrupting others. More than one late per week on a regular basis may result in repercussions.

Food, Drink, Music, Phones: It is okay to quietly consume food and drink, as long as your area is left clean. **Digital devices are to be OFF and AWAY, no exceptions.** No music in class (as this means using your phone, which will lead to distractions) This also hinders us building a sense of community together. Being distracted by your phone at any point in class takes away from your time in gaining a deeper understanding of mathematics. Even if you're 'done' your assignment, look back, look forward, flip through the text, work on your logic booklet. **Please do not use your phone as a calculator.** You must have a dedicated scientific calculator for your high school years (preferably the SHARP EL-510RN calculator recommended for Mount Douglas math & science, which can be purchased at the school).

Math Peer Tutors: Every lunch and after school in the career centre

Classroom Environment:

1. Attend class regularly on time and get involved in your learning by **doing** rather than watching during discussions, notes and examples.
2. When entering the class, have books open to last day's homework **before** the second bell rings, so we can get started smoothly.
3. Give respect for your classroom, classmates, and teacher, and you will receive the same treatment in return.

4. If you have a problem with the course, see me for a mature discussion on the matter, rather than complaining in class. If we are honest with each other on a consistent basis, things will go fine.
5. Bring all necessary materials **everyday**.
6. Please don't use foul language in the classroom.
7. Bathroom breaks will not be a problem if they are not abused.
8. Please stay in your desks and keep your books open until the bell rings. You should be working on your assignment until class ends. "I'll do it later" or "I'll do it in resource" are not acceptable excuses for wasting time at the end of class.
9. Try to be friendly and helpful to one another so that we build a positive learning environment where **everybody** feels comfortable.

I am available to help you in class and outside of class (morning and lunches are best). It is up to you to seek help before it becomes a problem. I strongly encourage you to ask me for help when necessary! To be successful in school, what it all really comes down to in most situations is if you decide to put enough effort into your courses.

Don't lay blame on other factors. **DEPEND ON YOURSELF FOR SUCCESS**, and hold yourself accountable if you're not doing your best. Your grade and whether you pass or fail will only affect YOU in the end, so take responsibility.