

Mathematics 9

Name: _____

Course Outline

Block: _____

Teacher: Mrs. Bousserska (dbousserska@deltasd.bc.ca)

Room: 277

Course Objectives:

- Mathematics 9 is a required course that prepares students for future studies in mathematics. This course builds upon previous concepts learned in prior grades. In this course, students are required to communicate in order to learn and express their understanding of mathematics, develop and apply new mathematical knowledge through problem solving, connect mathematical ideas to other concepts in mathematics, and develop mathematical reasoning. After the completion of Mathematics 9, students will have the choice of two mathematics courses in grade 10: Foundations and Pre-Calculus 10 or Apprenticeship and Workplace Math 10.



Course Outline:

- Unit 1 – Rational Numbers (no calculator)
- Unit 2 – Scale Factors and Similarity
- Unit 3 – Exponents (mostly no calculator)
- Unit 4 – Polynomials (no calculator)
- Unit 5 – Linear Relations
- Unit 6 – Solving Linear Equations
- Unit 7 – Financial Literacy
- Unit 8 – Analyzing Data

Course Workbook:

- MathLinks 9 Pathways to Success Student Workbook (McGraw-Hill Education)

Note: Any study materials may change according to the new curriculum.

Course Materials: *Students are expected to bring the following items to each class.*

- 3-ring binder (for math 9 only)
- Notes booklet (See cost in student fees)**
- Course workbook (See cost in student fees)**
- 8 dividers (one for each unit)
- School agenda
- Pencils, coloured pens (blue, black and red), highlighter, eraser, and ruler
- calculator**
- Line paper & Grid paper

Course Evaluation:

- Work Habit Mark – G, S, N**
 - Participation & effort
 - Attendance & punctuality
 - Organization & supplies

Work Habit Marks:

G – Good

S – Satisfactory

N – Needs Improvement

Academic Grade:

◦ Homework	10% of the course	A	86 – 100%	C	60 – 66 %
◦ Quizzes, and Tests	90% of the course	B	73% – 85%	C-	50 – 59%
◦ Final Exam	20% of total	C+	67% – 72%	F	< 50%

Key to Success in Math 9:

- Show up to all classes, on time, with all required materials.
- If you do miss a class, you are responsible for catching up on any work you missed, immediately upon returning to school.
- Complete and hand in all assignments on time!
- Present and prepared for all scheduled quizzes and tests.
- Ask questions or come in for clarification when you are unsure. Do not wait until the test!

Course Expectations: School rules apply at ALL TIMES (see your agenda).

1. **RESPECT** classmates, teachers, and classrooms.

2. **ATTENDANCE**

Absence: Your parents/guardian must phone the school office.

It is your responsibility to get caught up with any missed work. To do this, you can:

- Look up assignments, tests/quizzes dates, and project due dates on the website <http://sdbousmath.weebly.com/>
- Ask a friend
- Ask the teacher



If you are absent from a scheduled exam, you will make up an alternate exam upon return (or at the teacher's convenience), provided that you have a note with a valid reason for the absence (being unprepared for an exam is NOT an excused absence). Please do NOT schedule doctor's appointments on test days. Habitual absences on test dates will result in parental contact or office referral.

Tardy: Please be respectful of your classmates and your teacher by arriving on time. Habitual tardiness will result in parent contact and office referral.

3. **TEACHER ABSENCE**

If I am absent, I expect you to afford the Teacher-On-Call with the same respect and behaviour as you would for your regular classroom teacher.

4. **ELECTRONIC DEVICES**

Electronic devices are NOT permitted during lessons, quizzes, or tests. Cell phones are NOT to be used unless directed by the teacher. Be there an emergency, class or office telephone will be used.

Study Buddies:

- Name: _____ Contact info: _____
- Name: _____ Contact info: _____

Course Goal:

- My goal this year is to achieve an average grade of _____% and a work habit mark of _____!

Student and parent signature verifying they have received, read, and understood this course outline and expectations:

Student Name (Print): _____ Parent Name (Print): _____

Student Signature: _____ Parent Signature: _____