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| **Teacher: Ms. Lysne** | **mlysne@deltasd.bc.ca** |
| **Classroom: 131** | **http://www.lysneclassroom.weebly.com** |

# Course Rational

Learning to solve problems is the main reason for studying mathematics. In today’s technological world, many people are finding that their job demands higher levels of mathematical ability than ever before.

# Course Structure

The material for this course will be delivered in a variety of ways, the intention being to address the different learning style preferences of students enrolled in the course and at the same time, utilize suitably proven teaching methods to ensure successful concept development. It is expected that all students will endeavor to work equally well independently or collaboratively.

Textbook assignments will be given on a regular basis. Ongoing student self-assessment will be an integral part of this course as students learn to take responsibility for their own learning.

# Course Grade

Students will be assessed and evaluated on an individual basis using a variety of the following techniques:

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| --- | --- | --- | --- |
|  | **Category** | Description | **Weight** |
| Course Work 80% | Tests **&**  **Projects**  Teacher evaluation | • midterm testing  • chapter tests  • cumulative testing  • cross-grade testing  • projects | 80 % |
| Quizzes Student self-assessment | • skill assessment  • *may* have chance for rewrite | 10 % |
| Assignments **&**  **Practice**  Teacher evaluation  Student self-assessment  &  Concept and skill development | • worksheets  • group assignments  • homework completion  • in-class warm up questions | 10 % |
| Final 20% | Final Exam |  |  |

# Work Habits Grade

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| --- | --- | --- | --- | --- |
| CRITERIA | 3: EXCEEDS EXPECTATIONS | 2: FULLY MEETS EXPECTATIONS | 1: MEETS MINIMAL EXPECTATIONS | 0: NOT YET WITHIN EXPECTATIONS |
| PREPARATION | Always prepared. Comes to class with ALL materials | Usually prepared. Comes to class with most materials on a regular basis | Inconsistently prepared. Comes to class without all materials | You mean you have to bring stuff to class? Frequently comes to class without material |
| ATTENDANCE | Has missed 0 classes (excluding school related functions) | Has missed 1 classes (excluding school related functions) | Has missed 2 classes (excluding school related functions) | Has missed 3 or more classes (excluding school related functions) |
| PUNCTUALITY | Has zero lates | Has one late | Has two lates | Has three or more lates |
| ASSIGNMENT COMPLETION | Completes all assignments authentically by due date. Tasks are fully completed | One assignment handed in late. Assignments are completed authentically. Tasks are fully completed | Has 1 outstanding assignment, or two assignments were handed in late or partially completed. All work is authentic | Has 2 or more outstanding assignments. Academic integrity is questionable |
| PARTICIPATION | Frequently volunteers answers or takes part in class discussions | Sometimes volunteers or takes part in discussions. Sometimes asks questions/seeks help when needed | Answers questions and takes part in discussions only when called upon or rarely seeks help when needed | Frequently answers "I don't know" when called upon in class. Asks inappropriate questions on doesn't seek help when needed |
| ATTITUDE AND RESPECT | Always respects the rights and opinions of others. Always listens when others are speaking. Always on task and non-disruptive in class | Usually respects the right and opinions of others. Frequently listens when others are speaking. Rarely needs reminders to stay on task. Rarely disruptive | Rarely respects the rights and opinions of others. Rarely listens when others are speaking of frequently off task. Disruptive in class | Does not respect the rights and opinions of others. Frequently disruptive in class or does not listen to others. Frequently off task; needs reminders to stay on task |

# Materials Required For Class

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| --- | --- |
| **Required Every Class** | **Required Occasionally** |
| • 2 pencils (no erasable pens)  • good eraser  • Math textbook  • 3-ring binder with loose-leaf paper  • scientific calculator  • ballpoint pen for marking work  • 30 cm ruler (unbroken) | • graphing paper (always have some in binder)  • pencil crayons  • scissors  • miscellaneous minor supplies as required |

# Course Notes Package

There is a notes package that we will be using in class. You may purchase it directly from Ms Lysne for $10, or you may download from my website. Otherwise, you will be expected to take all notes by hand in class. Notes packages will not be handed out until payment has been received.

# Course Content

The Mathematics 9 curriculum covers 9 main topics. It is meant to give the skills required for either Math 10 stream. It is recommended that students achieve at least 60% in math 9 in order to take Foundations and Pre-Calculus 10.

# Course Outline

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| --- | --- |
| **Topic** | **Chapter Of Textbook** |
| Rational Numbers  Powers and Exponents  Polynomials  Linear Relations  Solving Linear Equations  Proportional Reasoning  Statistics  Financial Literacy | 2  3  5/7  6  8  4  11 |

**Classroom Expectations**