Math 9

Course Outline

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**Goal**

- To develop and foster skills and attitudes associated with Mathematics literacy

- To learn the prescribed curriculum as a prerequisite for future courses in Mathematics and other subject areas

- To prepare students for the standards and expectations of the high school Math program

**Topics (in no particular order)**

We will be covering 9 main topics over the course length. These topics will include the following:

1. Square roots and Surface area

2. Rational Numbers

3. Powers

4. Similarities and Transformations

5. Circle Geometry

6. Linear relations

7. Polynomials

8. Linear equations and inequalities

9. Statistics

Weightings

Course work will make up 90% of each students final grade. This body of work will

include assignments, projects, quizzes and unit

exams. The PAT will make up 3% of the students final mark.

All weightings are subject to change at

teachers’ discretion.

**Assignments/Projects**

Assignments must be neat and handed in at the beginning of class on the due date

specified. In the event of being absent, **it is the student’s responsibility to find out what**

**work they missed** and to make every effort to catch up. If you know ahead of time you

are going to be absent, please inform me with the dates. Assignments, quizzes and tests

are NOT excused if absent.

**Quizzes**

**Formative Quizzes-** These will be given at the beginning of several classes and will be short in nature ( 1-2 questions and should take <15 min) .

**Summative Quizzes-** Students will be given notice of these quizzes prior to the test.

Course Work

90%

Assignments/ Quizzes 60%

Unit Exams/Projects 40% (Note: Final Exam 3% in this category)

Classroom Expectations

1. Attendance will be taken right after the bell. If you arrive after I have taken

attendance, you will come in quietly. If the door is locked, knock once and wait for

me to answer. I will mark you late and adjust the attendance folder.

2. Missed classes will be dealt with according to the school’s attendance policy.

3. Assignments are expected to be handed in on time to ensure timely feedback prior

to students writing any quizzes or exams.

4. Academic misconduct will not be tolerated. Any and all plagiarism and cheating

will be dealt with according to the student hand book.

5. You are expected to bring certain items to class every day: pencil, paper, textbook

and calculator. I will let you know if you need a ruler, protractor, etc. . .

6. Cell phones should be left in your locker. You will not answer them or text during

class. If I see this happening, you will put your cell phone on my desk until the end

of the block. If it happens again your cell phone will be taken to the office for you to

pick up at the end of the day. (SEE CELLPHONE POLICY)

Help

If you need help just ask. There are many tutorials you can go to and useful

websites to check out.

I am typically available at lunch or after school and by appointment. Your success is my

success. I am here to help you any way I can to get through this course.