



# **Math 9 - Syllabus**

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## **Resources**

1. Pearson Math Makes Sense 9 (Textbook)
2. Supplies needed:
  - a. Student Supplied:
    - i. Calculator (Graphing or Scientific will help)
    - ii. Binder, paper, pencil, eraser, ruler, graph paper, crayons or markers
    - iii. You...

## **Course Objectives**

The main goals of this course will be to prepare students for:

- Using mathematics confidently to solve abstract and real life problems
- Communicate and reason mathematically (numeracy)
- Appreciate and value mathematics
- Commit themselves to lifelong learning
- Understand the uses of mathematics outside the classroom used in everyday life
- Incorporate technology into student's lives

## **Course Timeline** (Estimate)

Unit 3	(Sept)
Unit 1&2	(Oct)
Unit 1	(Nov)
Unit 4	(Dec)
Midterm Review	(Jan)
Midterm	(Jan)
Unit 5	(Feb)
Unit 6	(March)
Unit 7	(April)
Unit 8	(May)
Unit 9	(May-June)
PAT Review	(June)
PAT	(June)

# Course Evaluation

## Numbers

**(20.8% of Total Mark)**

Unit 3: Rational Numbers

(Exams 11.2% of total mark)

Unit 1&2: Powers and Exponent Laws with Square Roots (Assignments 9.6% of total mark)

## Patterns and Relations

**(23.4% of Total Mark)**

Unit 4: Linear Relations

(Exams 12.6% of total mark)

Unit 5: Polynomials

(Assignments 10.8% of total mark)

Unit 6: Linear Equations and Inequalities

## Shape and Space

**(15.6% of Total Mark)**

Unit 1: Surface Area

(Exams 8.4% of total mark)

Unit 7: Similarity and Transformations

(Assignments 7.2% of total mark)

Unit 8: Circle Geometry

## Statistics

**(5.2% of Total Mark)**

Unit 9: Probability and Statistics

(Exam 2.8% of total mark)

(Assignments 2.4% of total mark)

## Midterm

**(10% of Total Mark)**

## PAT

**(25% of Total Mark)**

## Expectations

- Students are expected to come to class prepared and on time. Having your texts, completed assignments, necessary calculators, pencils and erasers are expected. Binders/Notebooks are necessary for Mathematics. It is expected that all notes/examples provided will be written down during the lesson
- Lates will not be tolerated
- If you miss a class, you are responsible for finding out specifically what you missed from another student in the class or from the website and are prepared to participate in the next class. That means taking your books home every night so you are prepared if you miss a day. All homework is posted on the whiteboard and online on my website.
- All exams, quizzes, and assignments must be written on the scheduled day unless prior arrangements have been made. **All inexcusable absences will result in a mark of "0- missing" and will remain until student has demonstrated knowledge of the objective being assessed.** Students missing quizzes, projects, or assignments will be expected to write during the noon hour on next school day.
- Students will be given the opportunity to be re-assessed on objectives after proving commitment on the behalf of the student to increase their knowledge. This will be demonstrated through remedial work, tutoring sessions, and/or extra assignments completed by the student prior to a reassessment date.
- Students may only be re-assessed on quizzes, projects, or assignments. Unit exams are not eligible for rewrites however, curricular objectives may be re-assessed on the final exam.
- The new assessment may or may not be of the same blend or style of questions. The latest assessment result will be the result used on the report card. This means that the reassessment will count 100% of their mark on those outcomes the previous assessment will no longer be used as a summative mark. Students must request a reassessment within one day of reviewing their summative assessment.
  - Students will be assigned to the school's No Zero Days if an exam is missed and needs to be completed. There is 3 per term. See student Hand Book for details.
- All work submitted must be neat and well labeled. If I can't read it... I can't mark it.
- Technology such as **Cell Phone, iPods, Tablets, Computers** are the sole responsibility of the student to use effectively for **ONLY** classroom uses. You may only use your technology when I've given consent. If you misuse your technology it will result in it being confiscated for the day. With subsequent offences the technology will be turned into the office where a parent will have to come and pick up the technology. If you bring technology to the classroom it needs to be on silent and not out without consent.
- Water Bottles will be allowed during class time.
- If you need to leave the class you must write your name in the record book at the front of the room. **ONLY 1 student may be out of the room at any one time.** That student must return before another student is allowed to leave.
- Please feel free to contact me via email. If you are interested in getting updates via text please checkout Class Messenger.