

SCHOOL: Broad Meadows
ADDRESS: 50 Calvin Rd.
PHONE #: (617)984-8834

SYLLABUS

TEACHER Ryan Bell

COURSE/GRADE LEVEL Grade 7 Math

INSTRUCTIONAL MATERIALS

Passport to Mathematics

MAJOR TOPICS*

Decimals Math includes the study of:

- Number Sense
- Order of Operations
- Primes and Composites
- Factors and Multiples
- Exponents
- Basic Understanding of Decimals, Fractions, and Percents
- Computation with Decimals, Fractions, and Percents
- Integers

Patterns, Relationships, Functions, and Problem Solving Strategies:

- Using Systematic Problem Solving Plans
- Systems of Linear Measurement
- Evaluation of Expressions and Equations
- Graphing Coordinate Points
- Interpreting Graphs and Tables

Geometry and Measurement

- Polygons
- Area, Perimeter, Volume
- Symmetry - Congruence
- Circumference
- Coordinate planes
- Angles - Measuring and Constructing

Probability and Statistics

- Mean, Median, Mode, Range
- Probability
- Ratio and Proportion
- Statistical Analysis

ASSESSMENT TOOLS

Portfolios
Rubrics
Teacher observations
MCAS Testing
Projects
Notebooks
Diagnostic testing
Interdisciplinary activities
Open ended questions
Word problems
Open note tests and quizzes
Objective Tests/Quizzes
Presentations
Attendance
Class Participation
Final Exam

Homework

***See Individual Student Education Plans or 504 Plans for modification where applicable.**

HOMEWORK EXPECTATIONS

Homework is to be done nightly in student's notebook and corrected in class by the student.

GRADING POLICY

Grades will be based on students' homework and participation as well as tests, quizzes, and projects.

MAKEUP PROCEDURE

Homework must be turned in the day the student returns from their absence. No late homework will be accepted.

Missed tests and make-up tests will be conducted after school at the teacher's discretion unless otherwise specified.

GENERAL INFORMATION

Students are expected to have agenda's, pencils, notebooks, and books on a daily basis failure to do so will result in detention. Repeated offenses will result in failure for the term.

*** Adjustments may be made in this syllabus to meet student needs.**