

SCHOOL: Central Middle School
ADDRESS: 1012 Hancock Street
PHONE#: 617-984-8725

TEACHER: Ms. Teresa Corbo

COURSE/GRADE LEVEL: Grade 6 APC Mathematics

INSTRUCTIONAL MATERIALS:

McDougal Littell Mathematics Course 2 Series
Connected Mathematics

MAJOR TOPICS:

Mathematics is a lifelong process in which students achieve Mathematical competence through problem solving, communication, reasoning, and making connections.

Math includes the study of:

- Number Sense
- Place Value and Expanded Notation
- Order of Operations
- Primes and Composites
- Factors and Multiples
- Exponents
- Basic Understanding of Decimals, Fractions, and Percents
- Computation with Decimals, Fractions, and Percents
- Estimation and Rounding
- Introduction to 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
- Using Manipulatives to Model Equations

Geometry and Measurement

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

Probability and Statistics

- Mean, Median, Mode, and Mean
- Probability
- Ratio and Proportion

ASSESSMENT:

Homework

Objective Tests/Quizzes

Class work

Teacher Observation

Class Participation

- **See Individual Education Plans or 504 Plans for modifications where applicable.**

HOMEWORK EXPECTATION:

Homework is assigned Monday through Thursday. Assignments should take approximately 15-20 to complete and usually consist of a worksheet or a page from the text. All work must be done in pencil or an erasable pen.

GRADING POLICY:

The term grade is calculated as listed below:

Tests: 35%

Quizzes: 35%

Homework: 20%

Notebook: 10%

MAKEUP PROCEDURE

Students are responsible for any missed assignments. Parents may call the school to pick up work. Work should be made up within a few days of an absence to ensure that the student does not get behind.