

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

**TEACHER:** Ms. Teresa Corbo

**COURSE/GRADE LEVEL:** Grade 6 Mathematics

**INSTRUCTIONAL MATERIALS:**

Houghton Mifflin Math: Proportion, ©2007

**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 Quizzes  
Notebook

- **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:

Quizzes: 70%  
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.