

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

SYLLABUS

TEACHER: Mr. Dennis J. Coppola Jr.
EMAIL: dcoppola@quincy.k12.ma.us
COURSE/GRADE LEVEL: Sixth Grade Advanced Placement Math/Neighborhood
INSTRUCTIONAL MATERIALS: McDougal Littell Mathematics Course 2 Series

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
- 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
- Angles: Measuring and Constructing

Probability and Statistics:

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

Throughout the year, students explain their understanding and analysis of mathematical ideas, concepts and data through both oral and written communication.

Learning materials in the classroom promote the application of mathematical concepts.

*Topics are not necessarily listed in the order they will be taught. Other related topics may be taught.

ASSESSMENT TOOLS

Teacher observations
Projects
Notebooks
Interdisciplinary activities
Open ended questions
Co-operative learning projects
Open note tests and quizzes
Interdisciplinary Activities
Word Problems
Objective tests/quizzes
Homework
Take home tests/writing assignments

*Not all evaluation topics listed above will be used. Other evaluation/assessment tools may be used.
*See Individual Student Education Plans or 504 Plans for modifications where applicable.

HOMEWORK EXPECTATIONS

Homework must be done in pencil. Homework is given most days, approximately 30 minutes per night. Homework passed in on-time and with effort will be given full credit. If students pass in homework late they will be given partial credit.

If you are absent, students must approach instructor regarding make-up homework.

GRADING POLICY

Tests/Projects	50%
Quizzes/Binder	25%
Homework	15%
Classwork/Participation	10%

ABSENCES/MAKEUP PROCEDURE

Students must approach the instructor regarding missed assignments. After discussion, the instructor will determine the credit for homework. This is on a case by case basis. It is the student's responsibility to pass in all missed assignments. Make-up is to be done in a reasonable amount of time based on length of absence. Daily homework is posted on the school website at www.quincypublicschools.com, a useful resource in the event of student absence.

GENERAL INFORMATION

There may be several opportunities for field trips. There also may be a chance for several interdisciplinary projects.

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

GRADING POLICY

Tests/Projects	50%
Quizzes/Binder	25%
Homework	15%
Classwork/Participation	10%

Tests/Projects: 50%

1 Test grade=1 Project grade. Based on this formula all Tests and Projects will = 50% of the marking period grade.

Quizzes/Binders: 25%

2 Binder=2 Quizzes=1 Test grade. Based on this formula all Quizzes and Binders will = 25% of the marking period grade. See below for Binder details.

Homework: 15%

Homework must be done in pencil. Homework is given most days, approximately 30 minutes per night. Homework done on time and with effort will be given full credit. If students do homework late by 1 day, they will be given only partial credit. If homework is done 2 days late or more, no credit will be given. If you are absent, students must approach instructor regarding make-up homework. See “Absences/Makeup Procedure” below.

Classwork/Participation: 10%

Your participation is necessary upon your attendance. If you are not in class you will not be able to participate. Therefore, please limit the number of absences. If you are not here, it is difficult to learn. Please bring in a note from parent or doctor explaining the absence.

ABSENCES/MAKEUP PROCEDURE

Students must approach the instructor regarding missed assignments. After discussion, the instructor will determine the credit for homework. This is on a case by case basis. It is the student’s responsibility to pass in all missed assignments. Make-up is to be done in a reasonable amount of time based on length of absence. Daily homework is posted on the school website at www.quincypublicschools.com, a useful resource in the event of student absence.

Binder (part of Quiz grade):

Writing, organizing, reviewing notes and assignments are critical for long-term learning. There will be random binder checks throughout the marking period and school year that will evaluate organization, completeness, and accuracy.

These will be the sections:

- Do Now/Notes/Class work
- HW
- Quizzes/Tests
- Vocabulary
- Coppola Cash