

**SCHOOL:** Atlantic Middle School  
**ADDRESS:** 86 Hollis Avenue  
**PHONE #:** 617-984-8727

## **SYLLABUS**

**TEACHER:** Ms. Thao Nguyen-Ippolito

**COURSE/GRADE LEVEL:** Integrated Mathematics, Grade 7, Standard

**INSTRUCTIONAL MATERIALS:** *McDougal Littell Math, Course 2*

*Houghton Mifflin Harcourt, On Core Mathematics*

### **MAJOR TOPICS\***

#### Ratios and Proportional Relationships

Analyze proportional relationships and use them to solve real-world and mathematical problems

#### The Number System

Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers

#### Expressions and Equations

Use properties of operations to generate equivalent expressions

Solve real-life and mathematical problems using numerical and algebraic expressions and equations

#### Geometry

Draw, construct, and describe geometric figures and describe the relationships between them

Solve real-life and mathematical problems involving angle measure, area, surface area, and volume

#### Statistics and Probability

Use random sampling to draw inferences about a population

Draw informal comparative inferences about two populations

Investigate chance processes and develop, views, and evaluate probability models

See <http://www.doe.mass.edu/frameworks/current.html> for additional information

### **\*ASSESSMENT TOOLS**

Portfolios

Rubrics

Open ended questions

Word problems

Writing assignments

Objective Tests/Quizzes

FCA'S for long essays

Homework

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

## **HOMEWORK EXPECTATIONS**

Homework is assigned almost everyday and due on the following day. It will not be accepted late except due to absences. Homework will be graded based on completion not accuracy and as follows:

4	-	<i>Complete, Well-Done</i>
3	-	<i><math>\frac{3}{4}</math> Complete, Good Effort</i>
2	-	<i><math>\frac{1}{2}</math> Done, Fair</i>
1	-	<i><math>\frac{1}{4}</math> Done, Little Effort</i>
0	-	<i>Not Passed In, No-Effort</i>

## **GRADING POLICY**

Each term, your grade will be distributed in the following way:

- 5% Attendance/Participation/Organizing Notebook*
- 10% Preparation (Homework and Bringing Materials Needed)*
- 15% Quizzes (5-7 quizzes)*
- 25% Projects (1-2 projects)*
- 35% Tests/Exams (3-4 tests/Exams)*
- 20% Exemplars/Open Response Questions (1-2 exemplars)*

## **MAKEUP PROCEDURE**

If a student is absent from school, it is his/her responsibility to see Ms. Nguyen upon return to school to find out about any missed class notes and/or homework assignments. Arrangements will be made on an individual basis to take any missed tests. Make-up work is to be done in a reasonable amount of time based on length of absences.

## **GENERAL INFORMATION**

The following items should be brought to class every day:

*Math binder*

*Math notebook*

*Math textbook*

*Agenda book*

*A tool bag that contains the following items: pens, pencils, erasers, highlighters, pencil sharpener, dry-erase marker, glue stick, ruler, and school safety scissors.*

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