Accelerated Math

Ms. Melissa Galazin

mgalazin@monroe.k12.nj.us

Teaching Background

- 12th year teaching math
  – 8th in this course
- Bachelor's in Mathematics
- Master's in Secondary Mathematics Education
  – math certified K-12

Topics for the Year

- Factors & Multiples
- Operations with Decimals
- Operations with Fractions
- Integers
- Expressions, Equations, Inequalities
- Geometry & Measurement
- Data Analysis
- Ratios & Proportional Relationships

5th & 6th grade Core Content Standards are infused into one year

Sample Style of Questioning

Skills	Applications	Reasoning
Solve.

2.8 x 3.25 = ? | If a rectangle has an area of 5.6ft², what might the dimensions be? | Explain why you don't have to line up the decimals when multiplying. |

Progression through the years

Elementary: simplifying fractions

Middle: factorizing numbers to understand how it relates to simplifying fractions

High: simplifying algebraic fractions by factoring the polynomials

Grading System (middle school model)

- 10% Classwork
  - Effort & Positive Involvement
  - Some assignments graded for accuracy
- 20% Homework
  - 3 points per assignment
  - Graded on completion
  - Some assignments graded for accuracy
- 70% Assessments
  - Quizzes
  - Tests
  - Projects

To stay in accelerated math for 6th grade, students must earn an 85 or higher for their final math average.

Homework

- Checked for completion
- Reviewed the next day
  - Students correct their own work
  - Time to ask questions
- Assignments posted on class page
  - Utilize when absent
- Some assignments graded for accuracy
- Some weekly assignments
- Some problem solving assignments

Class Page

- Homework Assignments
- Class Announcements
- Website Resources
- Videos
  - www.monroe.k12.nj.us
    - Select your school
    - Staff Webpages
    - Galazin

State Testing

- Grade 5
- https://www.state.nj.us/education/cccs/2016/math/
  - Explore 5th grade math topics to be assessed
- We will review 5th grade concepts
- Students will be prepared

Looking Ahead

Grade Level	Math Course
5th	5th & 6th grade topics
6th	7th & 8th grade topics
7th	Algebra I
8th	Geometry w/ Trig
9th	Algebra II
10th	PreCalculus
11th / 12th	AP Calculus AB, BC AP Statistics