

Green Brook Middle School

Resource Math 8 Ms. Tufaro

Course Description:

Math 8 is a course that prepares students for a full-year Algebra 1 course in high school. Students will be continuing number reasoning skills, building into irrational numbers and exponential expressions. Algebraic concepts will build into using the Pythagorean Theorem, solving linear equations and systems of equations, and graphing functions. Geometry will cover transformations, formulas for space figures. Data analysis work includes scatter plots and two-way tables.

Course Expectations:

This course will typically have one quiz and one test each chapter. Students will be assigned homework on a regular basis and/or receive online work to complete. Students are expected to complete all work and try their best. They are welcome to ask questions about the material.

Green Brook Middle School

Resource Math 5 Ms. Tufaro

Course Description:

The fifth grade Math curriculum begins with a brief review of multiplication and division concept then builds to increasingly complex division problems, including dividing with 2-digit divisors and multiplying and dividing decimals. In the second unit, students learn the order of operations and begin to apply its principles to problems involving addition, subtraction, multiplication and division. Unit 3 focuses on operations in fractions including applying operations to mixed numbers. Unit 4 teaches students how to find volume, as well as plot data on lines. Unit 5 builds upon the previous unit by teaching students how to plot points on coordinate graphs. Finally, the year finishes with a bonus unit that introduces concepts that will be fully explored in sixth grade.

Green Brook Middle School

Pull Out Resource Room Social Studies

Mrs. Tufaro

Course Description:

Social Studies students will be exploring topics in the growth and development of the United States. Beginning with map skills, the curriculum then explores the interactions between the environment and humans. Students will be asked to think critically about how the environment affected the economic and social growth of individual states. Students will explore these interactions as they reflect on the history of the United States.

As students explore the development of the United States they will explore foundational concepts of social studies such as geography skills, economics, the development of religions, and government structures. Students will repeatedly be asked to analyze the different areas of the country and draw connections by comparing and contrasting the development of each area. Students will also be asked to develop their ability to articulate their thoughts orally through debate as well as in writing through the development of responses to document based questions.

Green Brook Middle School

Math 7 Ms. Tufaro

Course Description:

Math 7 is a course primarily focusing on developing an understanding of and applying proportional relationships, operations with rational numbers and working with expressions and equations, and solving problems involving scale drawings and informal geometric constructions. It also includes working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume as well as drawing inferences about populations based on samples.

Course Expectations:

This course will typically have one quiz and one test each chapter. Students will be assigned homework on a regular basis to complete. Students are expected to complete all work and try their best. They are welcome to ask questions about the material.