

Attucks Middle School

2021-2022 6 grade Math Syllabus

Instructor: Ms. Hela Chair

Room: 48

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Course summary:

This course will cover the Texas Essential Knowledge and Skills for 6 grade Math:

- Financial Literacy
- Order of operations
- Classification and representations of numbers
- Multiplication and division of fractions and decimals
- Integer operations
- Modeling and solving of equations and inequalities
- Area and volume calculations
- Foundations of proportionality
- Percent calculations
- Linear Relationships
- Triangles and their properties
- Data Analysis

Essential Student Learning Outcomes:

- Students will demonstrate strong problem solving and reasoning skills to develop mathematical proficiency.
- Student will be able to simplify expressions using order of operations.
- Students will be able to multiply and divide fractions and decimals.
- Students will be able to model and solve equations and inequalities.
- Students will be able to calculate areas and volume for certain shapes.
- Students will be able to calculate percentages using real life scenarios.
- Students will be able to analyze a set of data and make conclusions.

Materials Needed for This Course

- #2 Pencils
- Standard Notebook Paper

Grading Policy

- Assessment 30%
- Daily Work 40%
- Project 20%
- Homework and class participation 10%

Expectations

- Students are expected to be responsible, respectful, and always try their best when doing their work.
- Students are expected to show all steps when submitting answers for their math work.
- Students who are absent are responsible to complete their missing work and submit it on time.
- Students are not allowed to bring ANY food or drinks to the class.
- Students must be willing to come to after school or Saturday tutorials if they start to struggle or need to improve their grades.

Discipline (Behavior Consequences)

Failure to meet expectations will result in the following consequences:

- Warning / Classroom intervention
- Student/Parent Conference
- Administrative Referral