

Math 7/8 Accelerated Syllabus

Instructor Information

Teacher: Mr. Jeremy Scott

Email: jscott1@mail.dps.k12.va.us

Room: E-103

Phone: 336-396-4847

Office Hours: 9:30 am -10:15 am

Course Description

Math 7/8 Accelerated is a fast-paced, rigorous course designed to prepare students for high school Algebra. This class combines key standards from 7th and 8th grade math, emphasizing conceptual understanding, problem-solving, and mathematical reasoning. Students will explore proportional relationships, linear equations, functions, geometry, and statistics.

Course Goals

- Strengthen number sense and algebraic reasoning
 - Develop proficiency in solving linear equations and inequalities
 - Understand and apply functions
 - Analyze and interpret data
 - Apply geometric concepts to real-world problems
 - Build strong mathematical communication and collaboration skills
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Units of Study

1. **Rational Numbers and Integer Operations**
 2. **Expressions, Equations, and Inequalities**
 3. **Ratios, Rates, and Proportional Reasoning**
 4. **Linear Relationships and Functions**
 5. **Geometry: Transformations, Congruence, and Similarity**
 6. **Volume and Surface Area**
 7. **Statistics and Probability**
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Required Materials

- Notebook or binder with paper
 - Pencils and erasers
 - Scientific calculator
 - Chromebook or device (if applicable)
 - Textbook/online platform access
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Classroom Expectations

- Be respectful to classmates, teacher, and classroom materials.
 - Come prepared and ready to learn.
 - Participate actively in discussions and group work.
 - Stay organized and keep track of assignments.
 - Follow school rules and technology guidelines.
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Assignments and Grading

Assignments may include: - Daily practice/homework - Quizzes - Tests - Projects and presentations - In-class activities

Grading Breakdown (example): - Bronze: 25% - Silver: 35% - Gold: 40%

Gold- Unit assessments/Projects

Silver- Quizzes, Mathspace Adaptive Tasks

Bronze- Short in class assignments

Homework Policy

Homework reinforces skills learned in class. It is expected to be completed on time. Late or missing work may affect your grade unless otherwise arranged.

Assessment Policy

Quizzes and tests will be announced in advance. Students who are absent are responsible for making up missed assessments.

Communication

Parents and students will receive updates through email, Google Classroom, or the school portal. Please reach out with any questions or concerns.

Academic Integrity

Students are expected to complete their own work. Cheating or plagiarism will result in consequences per school policy.

Support and Extra Help

Extra help is available during office hours or by appointment. Students are strongly encouraged to seek help early.

This syllabus is subject to change. Any updates will be communicated promptly.