



Dutch Fork Middle School



Course: PreAlgebra 7

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South Carolina Uniform

Grading Scale

A= 90-100

B= 80-89

C= 70-79

D= 60-69

F= Below 60

Course Description: 7th Grade Pre-Algebra

This course is recommended for grade seven students that are able to work at an accelerated pace and above grade level content. This course differs from the non-accelerated 7th Grade course in that it contains content from 8th grade to prepare students for success in Algebra. This is an accelerated course which demands a faster pace for instruction and learning. Content is focused on analyzing proportional relationships and using them to solve real-world and mathematical problems, applying and extending previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers, using properties of operations to generate equivalent expressions, Solving real-life and mathematical problems using numerical and algebraic expressions and equations, working with radicals and integer exponents, understanding the connections between proportional relationships, lines, and linear equations, analyzing and solving linear equations and pairs of simultaneous linear equations, understanding congruence and similarity using physical models, transparencies, or geometry software and drawing inferences about populations based on samples. This course aligns with the South Carolina Academic Standards for Mathematics and the Mathematical Practice Standards.

Link to Standards:

<http://ed.sc.gov/instruction/standards-learning/mathematics/standards>

Necessary Materials (classroom supplies cannot be provided)

- Electronic Device (**Fully Charged Chromebook**)
- Earbuds or headphones
- Notebook/binder (whatever is best for YOU!)
- A scientific calculator
- Pencils
- Dry Erase Markers and an eraser (for your personal use in class and at home)

Student Responsibilities-Remember Fox Pride

Classroom expectations and consequences are posted in the room.

PRIDE at Dutch Fork Middle School.

Positivity:

- Find the good in all situations.
- Demonstrate self control.

Respect:

- Tell the truth.
- Use kind words.

Integrity:

- Do the right thing even when no one is watching.
- Take responsibility for your actions.

Determination:

- Persevere.
- Be ready to learn.

Excellence:

- Strive for your best.
- Be prepared every day.

Seventh-Grade PreAlgebra Content Overview

Text: HMH Into Math - Students can access through Clever.

I. First Quarter

- Organizational Unit
- Ratios and Proportional Reasoning
- Number Systems and Operations

II. Second Quarter

- Equations and Inequalities in One Variable
- Transform and Construct Geometric Figures

III. Third Quarter

- Angle Relationships
- Applications of Real Numbers and exponents
- Area and Volume

IV. Fourth Quarter

- Data Analysis and Sampling
- Probability
- Linear Relationships
- The Pythagorean Theorem

The pacing may change based on the needs of the students.

Grading

1. Homework will be checked. The homework average will count as 10% of the nine-week's average.
2. Quizzes will be given throughout each unit of study. The quiz average will count as 35% of the nine-week's average.
3. Major tests will be given at the end of each unit of study. The major test average will count as 55% of the nine-week's average.
4. Semester exams will also be given. The semester exam will count 20% of the semester grade.
5. Each semester grade is 50% of the final course grade.

Grades will be updated regularly and parents are invited to monitor student progress through Parent Portal. Please make sure all contact information is correct in our [Parent Portal](https://powerschool1.lexrich5.org/public/) (<https://powerschool1.lexrich5.org/public/>) system.

Make-up Work

Make-up work is best completed as soon as possible. Please ask for your make up work the first day you return to school after an absence. In accordance with the parent handbook, students have the number of days that they are absent to turn in make-up work.

Please click this [link](#) to electronically sign this course syllabus.