Trenton Rosenwald Middle School
5th Grade Math Syllabus

Course Description:
Students will learn math using fifth-grade Tennessee State standards to guide the scope and sequence of the curriculum. Our math class combines basic math skills as well as critical-thinking skills, stem activities, and technology to prepare students for sixth grade.

The Curriculum:
Unit 1 - Whole number operations and applications:
Volume, Multiplication, and Division.
This unit introduces students to the finding volume and extends students' understanding of multiplication and division of whole numbers.

Unit 2 - Decimals and Fractions
Place Value, Addition and Subtraction
In this unit we find place values in decimals follow the same base-ten pattern as whole numbers. That we can use what we know about patterns when multiplying by 10 to understand multiplying and dividing by powers of 10. Use what we know about equivalent fractions to add and subtract fractions with unlike denominators.

Unit 3 - More Decimals and Fractions
Multiplication and Division
In this unit we use what we know about multiplying whole numbers to help you multiply decimals and fractions. We can use relationships between multiplication and division to help you divide whole numbers by unit fractions, and unit fractions by whole numbers.

Unit 4 - Measurement, Data, and Geometry
Converting Units, Using Data, and Classifying
Figures.
In this unit we use division to convert from smaller to larger units of measure within the same measurement system. We will use our understanding of operations on fractions to solve problems about data presented in line plots and we will classify two - dimensional figures into categories and subcategories based on properties.

Unit 5 - Algebraic Thinking and the Coordinate
Plane
Expressions, Graphing Points, Patterns and
Relationships
In this unit we will grouping symbols such as braces, brackets and parentheses, and show the order in which parts of an expression should be evaluated. The coordinate place is a two-dimensional space formed by two perpendicular number lines; we will graph and interpret points to solve real-world problems.

Grading Scale:

90-100	A
80-90	B
70-80	C
60-70	D
0-60	F

I-Ready - My Path

Each week your student is responsible for completing a minimum of (2) I- Ready My Path Assignments.

Multiplication Facts:

I cannot stress enough how important it is for your student to be fluent in their multiplication facts. Your student will be drilled daily and tested weekly. They will be required to write off any missed facts for the day - 10 times each.

Homework:

Students will have homework. Homework assignments will reflect topics discussed in class. Please encourage your student to work at home. Homework should be neat and legible. Math homework should be completed in pencil and all work must be shown.

Classroom Expectations:

1. Students must comply with BEAR expectations and rules set forth in the Student handbook. Please read through the handbook carefully and thoroughly.
2. Every student should come to class prepared. They should have their chromebook and binder when coming to class. Academic minors will be issued to students who fail to come to class prepared.
3. If a student is absent, it is the students responsibility to come to me and get their missed assignments.
4. If a student misses a quiz/ test it is their responsibility to come to me and schedule a time to make it up the day they return.
5. Students are expected to show respect for oneself, classmates, teachers and administration, and property and space.

Please feel free to email me if you have any questions.
dawn.pack@trentonssd.org

I am so excited to have your student in my class!!

Ms. Dawn