



Sixth Grade Instructional Plan for Mathematics: 2025-2026 School Year

Course Overview

Sixth grade is designed to build a strong foundation in mathematics for sixth-grade students, focusing on critical thinking, problem-solving, and real-world application. Students will explore topics across numerical operations, proportionality, algebraic reasoning, geometry, measurement, and data analysis. The curriculum follows the TEKS (Texas Essential Knowledge and Skills) standards, ensuring students are prepared for success in future math courses and standardized assessments.

Throughout the year, students will:

- Develop fluency with operations involving rational numbers
- Apply ratio and percent reasoning to solve real-world problems
- Write, evaluate, and solve algebraic expressions and equations
- Analyze data using graphs and statistical measures
- Solve geometry and measurement problems involving area, volume, and surface area
- Understand personal financial literacy concepts like budgeting, saving, and credit

Contact Information

Teacher Name: Erica Robinson

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Phone: 432-240-6152

Classroom Expectations

Our classroom is a safe learning place that encourages teamwork, positive feedback, and academic achievement. All students will be respectful to others. We will be good listeners to the teacher and others' ideas. All students will be hard-working contributors in the process of getting their education in order to be successful and reach their full potential.

Expectation 1: Be respectful

- Use appropriate voice level
- Raise your hand, and wait for your turn to speak
- Listen to all instructions and directions
- Stay in your seat and wait for teacher's permission

Expectation 2: Be responsible

- Complete all assigned tasks
- Be prepared: Have all necessary materials

Expectation 3: Be safe

- Always keep your hands and feet to yourself
- Walk at all times
- Report problems to an adult

Expectation 4: Be ready to learn and try your best every day

- Come to class on time
- Prioritize daily attendance

Positive reinforcement and clear routines will help students learn and meet these expectations. If expectations are not met, the teacher will first reteach and remind the student(s) of expectations. If a student continues to fail to meet expectations, they will be redirected, and then parents will be contacted. If a student is unable to meet expectations after these preventative measures, an office referral will be made.



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Attendance Policy & Its Importance

Regular attendance is vital to your child's academic development. Sixth grade is a pivotal year in math. When students attend daily, they stay current with new skills, deepening their knowledge of the world, developing thinking skills, and practicing important habits that support lifelong learning.

Please notify the school if your child will be absent. Frequent or extended absences may make it more difficult for your child to learn the necessary foundational skills that ensure student success this year and in future school years.

Learning Objectives

Using Stemscores, by the end of the school year, students will develop Math skills such as:

- **Develop numerical fluency** by working with whole numbers, fractions, decimals, and integers, including operations and comparisons across rational numbers.
- **Apply proportional reasoning** to solve real-world problems involving ratios, rates, and percents (including tax, tips, discounts, and percent increase/decrease).
- **Perform operations** with rational numbers, including addition, subtraction, multiplication, and division of decimals and fractions, with and without models.
- **Use algebraic reasoning** to write, evaluate, and simplify expressions, as well as solve one-step equations and inequalities using appropriate mathematical properties.
- **Analyze and represent relationships** using tables, equations, and graphs, identifying patterns and distinguishing between dependent and independent variables.
- **Explore geometry and measurement** by calculating area, perimeter, volume, and surface area, while working with both 2D and 3D shapes and converting between measurement units.
- **Interpret and display data** using dot plots, stem-and-leaf plots, histograms, and other visual representations; and analyze data using measures of center and variability.
- **Gain foundational personal financial literacy** by learning about income, savings, credit, budgeting, and responsible financial decision-making.

Course Resources

- Chromebook (provided by Midland ISD)
- Composition Notebook (part of the school supply list)
- Wired Headphones (part of the school supply list)
- Stemscores Student Notebooks

Grading Policy

According to Midland ISD Grading Policy:

The summative evaluation of a student's grade during a recording period should be based on sufficient data collected in class in the form of various assessments. Regular and periodic assessment of student progress ensures a student has ample time for remediation.



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Students must receive feedback on every graded assignment within three to seven days. Major assignments will receive feedback within ten days. Teachers will, at a minimum, communicate with students and their guardians regarding classroom reminders, learning topics covered in class, and/or expectations. Regular communication may be electronic through the adopted Student Information System or other messaging applications.

Major assignments - 60%

Minor assignments- 40%

This may include homework; however, homework may not constitute more than one-fourth of the minor assessment summative grade.

Class DoJo (School-wide System of Communication)

Our campus uses ClassDojo to communicate with families. Please ensure you join our class for important updates.

Please feel free to reach out with any questions or concerns. We are excited to work together to make this a successful year of learning!

Please fill out the portion below and return this portion to your teacher.

We acknowledge that we have read and understand the expectations in Sixth-grade Math. We agree to contact the teacher should we have any questions or concerns regarding this instructional plan.

Parent Name: _____

Student Name: _____

Cell Phone Number: _____

E-Mail: _____

Parent Signature: _____

Student Signature: _____

Date: _____