



Fourth Grade Instructional Plan for Math: First Semester

Course Overview

Fourth Grade Mathematics is designed to develop confident and capable problem solvers. Students will deepen their understanding of place value, fractions, decimals, and multi-step problem solving while exploring geometry, measurement, and data analysis. Instruction will emphasize fluency, reasoning, and the application of mathematical concepts to real-world situations. Lessons will be explicit, systematic, and scaffolded to ensure all learners build accuracy and confidence in meeting grade-level expectations.

Throughout the year, students will:

- Deepen understanding of place value and number relationships
- Build fluency with addition, subtraction, multiplication, and division of whole numbers and decimals
- Explore fractions and decimals, including comparing, ordering, and operations
- Apply problem-solving strategies to multi-step, real-world situations
- Investigate geometric figures, measurement, and unit conversions
- Analyze and represent data using a variety of graphs and plots
- Develop mathematical reasoning, communication, and collaborative problem-solving skills

Contact Information

Teacher Name: Ms. Perez

Email: veronica.perez@midlandisd.net

Phone: 240-8600

Classroom Expectations

Our classroom is a safe learning place, which encourages teamwork, positive feedback, and academic achievement. All students will be respectful to others. We will be good listeners to the teacher and to other's 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 your turn to speak
- Listen to all instructions and directions
- Stay in your seat and wait for teacher 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 self
- 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



Fourth Grade Instructional Plan for Math: First Semester

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, then parents will be contacted. If a student is unable to meet expectations after these preventative measures, an office referral will be made.

Daily Consequences

Level 1: Reteach Classroom Expectations

Level 2: Individual reminder with name on board

Level 3: Modification/Redirection add a check next to name.

Level 4: Two checks by name parent contact and Office Referral

Attendance Policy & Its Importance

Regular attendance is vital to your child's academic development. Fourth grade is a pivotal year in Math. When students attend daily, they stay current with new skills, deepening their knowledge of the world, develop thinking skills, and practice 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 necessary foundational skills that ensure student success this year and in future school years. If you notify the teacher that will allow us to gather work for your scholar that way you can come pick it up or we can send it with your child upon their return.

Learning Objectives - By the end of the first semester, students will be able to:

- Represent, compare, and order whole numbers up to 1,000,000,000 and decimals to the hundredths using place value and number lines
- Round whole numbers through the hundred-thousands place and decimals to the nearest tenth or hundredth
- Add and subtract whole numbers and decimals to the hundredths using standard algorithms and mental math strategies
- Use arrays, area models, and equations to represent and solve multiplication problems up to $2\text{-digit} \times 2\text{-digit}$, and division problems with up to a 4-digit dividend and 1-digit divisor
- Apply estimation strategies, including rounding and compatible numbers, to check the reasonableness of solutions
- Represent fractions as sums of unit fractions and on number lines, and compare fractions with like and unlike denominators using models
- Add and subtract fractions with like denominators using visual models and reasoning
- Solve one- and two-step word problems involving all four operations, choosing strategies and tools appropriately



Fourth Grade Instructional Plan for Math: First Semester

- Use strip diagrams, equations with variables, and input–output tables to represent and solve problems
- Communicate mathematical reasoning clearly using correct mathematical language and multiple representations

Course Resources

- Chromebook (provided by Midland ISD)
- Journals and writing utensils (part of the school supply list)
- I-ready, IXL, Lonestar, Stemsco, LEGO, Prodigy, and Accelerated Learning

Grading Policy

According to Midland ISD Grading Policy:

Teachers are expected to use a variety of types of student work performance to assess student achievement. The teacher should choose those which are most appropriate to the class, the students, and the TEKS/SEs under study.

Students will receive minor assignment feedback within three to five school days. Major assignments such as research projects, group projects, and research papers or other long-term projects shall receive a final cumulative grade within ten school days. However, the teacher shall award interim minor assessment grades for individual steps in the process.

-Major assignments - 40%

-Minor assignments - 60% (Which 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 that we understand the expectations in Fourth Grade Mathematics. 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 : _____ Date: _____

Student Signature: _____