



# 5th Grade Instructional Plan for Math

## Course Overview

Math grade math in Texas focuses on deepening understanding of core mathematical concepts and developing problem-solving skills. Instruction is based on the Texas Essential Knowledge and Skills (TEKS), with a focus on building a deep understanding of key concepts.

Throughout the year, students will explore:

Add and subtract positive rational numbers fluently	represent and solve multi-step problems involving the four operations with whole numbers using equations with a letter standing for the unknown quantity
simplify numerical expressions that do not involve exponents, including up to two levels of grouping	compare and order two decimals to thousandths and represent comparisons using the symbols $>$ , $<$ , or $=$
solve for products of decimals to the hundredths, including situations involving money, using strategies based on place-value understandings, properties of operations, and the relationship to the multiplication of whole numbers	solve for quotients of decimals to the hundredths, up to four-digit dividends and two-digit whole number divisors, using strategies and algorithms, including the standard algorithm
add and subtract positive rational numbers fluently	simplify numerical expressions that do not involve exponents, including up to two levels of grouping
divide whole numbers by unit fractions and unit fractions by whole numbers	generate a numerical pattern when given a rule in the form $y = ax$ or $y = x + a$ and graph
graph in the first quadrant of the coordinate plane ordered pairs of numbers arising from mathematical and real-world problems, including those generated by number patterns or found in an input-output table	represent and solve problems related to perimeter and/or area and related to volume
classify two-dimensional figures in a hierarchy of sets and subsets using graphic organizers based on their attributes and properties	<p><b>In addition to the above information, advanced math classes will also explore:</b></p> <ul style="list-style-type: none"> <li>● Fractions to Percentages</li> <li>● Exponents</li> </ul>

## Contact Information



# 5th Grade Instructional Plan for Math

Teacher Name: Mrs. Christine Carrillo  
Email: christine.carrillo2@midlandisd.net

## 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 prepared with supplies

- Prioritize attendance
- Be ready to learn everyday

Expectation 2: Participate actively and take responsibility for your learning

- Complete all assigned tasks
- Engage in class discussions and assignments
- Complete work on time

Expectation 3: Be respectful

- Be positive and supportive to your peers.
- Be respectful to all staff members

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.

## Attendance Policy & Its Importance

Regular attendance is vital to your child's academic development. Seventh grade is an important year in science - this year lays the foundation for future science courses. 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.

**Using the STEMscopes curriculum, students will develop math knowledge.**

### Course Resources

- Chromebook (provided by Midland ISD)
- Journals for 3 column notes and writing utensils (part of the school supply list)
- STEMscopes online
- STEMscopes consumable Student Journal
- Google Classroom
- Eduphoria

## Grading Policy



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*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.

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 every ten school days regarding upcoming assessments, 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. Teachers will maintain a parent communication log during each grading cycle.

Major assignments - 60% Minor assignments - 40%  
Semester exams count as 15% toward the final semester grade

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!

Sincerely,  
Mrs. Carrillo

**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 6th 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: \_\_\_\_\_