



Sixth Grade Instructional Plan for Math

Course Overview

6th-grade math focuses on building a strong foundation in number operations, ratios, and algebraic reasoning, preparing students for middle school math. Key areas include working with rational numbers, ratios and proportions, percentages, and expressions, equations, and inequalities. Students will also explore geometry, data analysis, and financial literacy. Instruction will be explicit, systematic, and scaffolded to support all learners in mastering grade-level expectations.

Throughout the year, students will:

- Deepen their understanding of fractions, decimals, and integers, including performing operations (addition, subtraction, multiplication, and division) with these numbers.
- classify whole numbers, integers, and rational numbers, understanding their relationships, and ordering them.
- Work with fractions, including multiplication as scaling and understanding word problems involving fractions.
- Multiply and divide decimals, including word problems.
- Evaluate expressions using the order of operations (PEMDAS).
- learn to understand and work with ratios, rates, and proportions, using them to solve real-world problems.
- Apply percentages to scenarios like discounts, tips, and tax.
- Move from numerical expressions to algebraic expressions and solving one-step equations and inequalities
- Use variables to represent unknown quantities.
- Work with geometric shapes like triangles, including understanding the sum of angles, side length relationships, and determining if three lengths form a triangle.
- Calculate the area and volume of geometric shapes
- Graph points in all four quadrants using ordered pairs of rational numbers.
- Create and interpret various graphical representations of data, such as dot plots, stem-and-leaf plots, histograms, and box plots.
- Describe the center, spread, and shape of data distributions.
- Summarize categorical data using numerical and graphical summaries.
- Introduced to concepts like comparing checking accounts and debit cards, and understanding taxes, discounts, and tips
- Develop problem-solving skills by applying mathematical concepts to real-world situations.
- Use mathematical models, tools, and technology to explore and communicate mathematical ideas.
- Strengthen their understanding of mathematical processes by justifying solutions and reasoning through problems.

Contact Information

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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



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getting their education in order to be successful and reach their full potential.

Expectation 1: Be respectful

- Use appropriate voice level
- One voice when appropriate – everyone deserves to be heard and paid attention to.
- Raise your hand, and wait your turn to speak
- Track the speaker – looking at whoever is talking
- Listen to all instructions and direction
- Begin work right away
- Stay in your seat and wait for teacher permission
- Sit up, feet flat on the floor, no laying heads down on the desk or resting on hands.

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
- Tell the teacher when you do not understand.

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.

Many times, in class a student will ask us for help. The help they get may not be the help they wanted but the help they needed. **I will not give answers.** I will ask guiding questions to assist your student in figuring it out on their own. I will also refer your student back to the notes we took. Productive struggle is very important.

- If your student chooses not to take notes during class and is in need of help, they will need to schedule a time to stay after school to take the notes missed and get help.

Attendance Policy & Its Importance

Regular attendance is vital to your child's academic development. Sixth grade is a pivotal year in math - students move from elementary math to Algebra. 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.



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Learning Objectives

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

Students will develop Algebra skills such as:

- Deepen their understanding of fractions, decimals, and integers, including performing operations (addition, subtraction, multiplication, and division) with these numbers.
- classify whole numbers, integers, and rational numbers, understanding their relationships, and ordering them.
- Work with fractions, including multiplication as scaling and understanding word problems involving fractions.
- Multiply and divide decimals, including word problems.
- Evaluate expressions using the order of operations (PEMDAS).
- learn to understand and work with ratios, rates, and proportions, using them to solve real-world problems.
- Apply percentages to scenarios like discounts, tips, and tax.
- Move from numerical expressions to algebraic expressions and solving one-step equations and inequalities

Course Resources

- Chromebook (provided by Midland ISD)
- Journals and writing utensils (part of the school supply list)
- Maneuvering the Middle, Stem-Scopes, I-Ready, Khan Academy, and IXL

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 - 60% Minor assignments - 40% which may include homework; however, homework may not constitute more than one fourth of the minor assessment summative grade.

Extra credit assignments WILL NOT be offered. Students may correct failing graded assignments to improve their grade. They MUST use the correction sheet correctly for credit.

Grades

Parents and students will be responsible for checking grades. Please make it a priority to check at least once a week. We will be using a 9 week grading system this year.

District Board policy: 6th grade promotions to 7th grade will be based on an average of English Language Arts, Math, Science and Social Studies. Students must have a 70 or better for promotion to the next grade level. Students not meeting



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promotion requirements will be advised to take summer school. A Campus Grade Placement Committee will also determine if the student will get promoted to the next grade level.

Make-up work

When students miss school, and it is an **excused absence**, it is **their** responsibility to get with me about missing work. It is not the parents responsibility to request their make-up work.

Students will have the same number of days to turn in missed work as days missed. (So for example, if a student missed Monday and Tuesday and returned on Wednesday their missed work is due Friday of that same week.)

If it is not turned in by the due date, it will be accepted for up to 5 days after the due date, however each day it is late it will have 10 points deducted.

If a student is absent and the absence is *unexcused*, the student will not be given make-up work and will take a zero for the assignment. (This is MISD Board Policy)

Corrections

Any work that scores below a 70 is required corrections.

All corrections must be done on the corrections sheet and directions followed.

Credit will not be given if directions are not followed.

Corrections must be done within 5 days of getting their graded assignment. After that it will not be accepted and the grade will remain.

Tests

Students will be required to make corrections to tests.

Students **WILL** use the test correction sheet.

All tests that are below 70% will be corrected.

Students will have 5 days to make corrections.

Students will follow the test correction format to get credit. If format is not followed then credit will not be given.

If a student does not turn in corrections within the 5 days, then the failing grade will remain.

Teachers will NOT be responsible for notifying parents of needed corrections. Students will be expected to self-manage.

Parents can also see failing grades in PowerSchool. I recommend having notifications turned on for PowerSchool.

Classwork



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Students will typically have time in class to do all their work. Assignments not completed in class will be required to take home and finish. All will be due the following school day.

Students have 5 days after the due date to submit any late work. Each day it is late they will lose 10 points from their grade.

If their work is not submitted on time they will be required to send me and their parent/guardian an email explaining why they have not turned in their work.

Chromebooks

Students will not be issued a chromebook. There will be a class set that will be utilized.

Badges

Each day students are required to have their school ID badges with them. Not having it will make it harder for them to login to their Chromebook. The teacher will have to use classroom instruction time to help them login.

It will also be needed for the cafeteria at lunch. Students with no badge will go to the end of the lunch line to prevent slowing it down for others.

- First time without a badge will be documented in Dojo.
- Second time without a badge will be documented in Dojo and lunch detention. Phone call to parents.
- Third time without a badge will be documented in Dojo and lunch detention. Phone call to parents.
- Fourth time without a badge will be documented in Dojo and lunch detention. Phone call to parents.
- Fifth time without a badge will be documented in Dojo and an office referral. Phone call to parents.

If a badge is lost it can be replaced by scanning the QR code. A new one can be purchased. It will cost \$5.00 each time.

Gum

Gum is NOT allowed during the school day.

- First occurrence: Documented in Dojo
- Second occurrence: Documented in Dojo and lunch detention and parent phone call.
- Third occurrence: Documented in Dojo and lunch detention and parent phone call.
- Fourth occurrence: Documented in Dojo and lunch detention and parent phone call.
- Fifth occurrence: Documented in Dojo and office referral.

Fidgets/Squishies/Toys of any kind

These are not allowed in the classroom. They will be taken if seen. They distract from the learning environment.

- First occurrence: Documented in Dojo, taken from the student and given back at the end of the day.
- Second occurrence: Documented in Dojo, taken from the student and item can be retrieved from the office at the end of the school day.

Cellphones/communication devices

Cell Phone/communication devices policy will be the district policy.

- Students are permitted to have cell phones/communication devices (including smart watches) on school premises, but devices must be turned off and stored away at all times.



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Use of cell phones and other electronic devices is not permitted at any time during the school day. (Including smart watches)

- A fee of \$15.00 will be collected if a personal cell phone/communication device is confiscated by the campus. The student's parent/guardian may retrieve the device after paying the fee.

Food in the classroom

Food is only allowed in Mrs. Martinez's classroom.

- Food **Must** be in resealable containers. Plastic baggies are ok.
- Students may not bring large bags of chips or other things. They must be a "snack".
- Food cannot be anything that discolors their fingers. No Takis, Doritos, Cheetos...etc. This will get on everything.
- Students may not share food. If they are caught sharing food, they will not be allowed to eat in the classroom going forward.
- Students must clean up any mess they may make while eating. If they do not then they will not be allowed to eat in the classroom going forward.
- **FOOD IS NOT ALLOWED IN MRS. HINJOS CLASS.**

Beverages

- **Plain Water is the only thing allowed to drink in the classroom.**
 - Flavored water of any kind is not allowed.
 - Stanley cups are not allowed, or anything using a straw. Students knock them over and the water spills. This is almost a daily occurrence.
- When students spill anything other than water, we get bugs and ants in our classrooms that are very hard to get rid of. Even if your student has a lid on their bottle, they can spill their drink. Trust me...it happens every year.
- If your student gets caught with anything but water, they will only be allowed to bring a clear water bottle going forward.
- Cafeteria: Your student may NOT bring carbonated beverages to the cafeteria for lunch. They may bring juices.

Restroom

- While students are in school restroom breaks will be taken as a class during transitions. Every student is expected to try to use the restroom. (Kinda like before a road trip)
 - While in the restroom:
 - Students will not horse play
 - Students will keep their hands to them self
 - Students will not linger in the restroom. They will go in, do their business and get out.
 - Students will not bring any items in the restroom (examples are: pens, markers, cell phones, vapes, or anything else that should not be brought into a restroom)
 - Students will not hang on the bathroom stalls or climb the bathroom stalls.
- Students who have restroom emergencies will be allowed to go when needed.
 - If a student has a "regular" restroom emergency then a parent phone call will occur. Requests will be documented in Dojo.
 - Students going to the restroom regularly during class are missing important classroom instruction. **This will lead to your student needing to stay after school to make up missed class time.**



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Hallway

Hallway expectations are very important.

Expectations are necessary since other classes are in session while we are in the hall. We don't want to disrupt their learning. They are also necessary for safety reasons.

- Stand in a single file line while in the hallway.
- Face the front.
- No talking.
- Walk at all times.
- No jumping as they walk through a doorway to touch the wall.

Hallway behavior consequences

- First infraction: Documented in Dojo.
- Second: Documented in Dojo and lunch detention
- Third: Documented in Dojo, lunch detention
- Fourth: Documented in Dojo, lunch detention
- Fifth: Documented in Dojo and office referral

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 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: _____