

5th Grade Math Syllabus

Who is your teacher this year?

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Grade Level: 5th Grade
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What is 5th Grade Math?

Fifth grade mathematics includes a study of the concepts and skills associated with the understanding of numbers, the place-value system, the basic operations (addition, subtraction, multiplication, and division), and comparing and contrasting lengths, areas, and volumes, representing and interpreting data in graphs, charts, and tables, and applying whole number operations in a variety of contexts. The students will concretely develop basic concepts of fractions and decimals and use formal language to describe their reasoning as they identify, compare, and classify two- or three-dimensional geometric figures. They will use numbers, standard units, and measurement tools to describe and compare objects, make estimates, and solve application problems.

Grade 5 Pre-Advanced Placement Mathematics

Pre-AP fifth grade mathematics includes topics covered in Grade 5 Mathematics with a more in-depth, rigorous study of fractions, algebraic reasoning and unit rate.

What topics will we cover this year?

Year At a Glance

2017-2018

5th Grade

➤ **Process Standards ongoing**

1st Six Weeks	2nd Six Weeks	3rd Six Weeks
<ul style="list-style-type: none">➤ Estimate Solutions➤ Order of Operations➤ Multiply 3 x 2 Conversion tables➤ Divide 4 by 2 Conversion tables➤ PS with multi-step whole numbers	<ul style="list-style-type: none">➤ Prime & Composite➤ Add/Subtract Fractions with unlike denominators➤ Multiplying fractions by whole➤ Dividing fractions by whole	<ul style="list-style-type: none">➤ Compare & Order Decimals➤ Round Decimals➤ Add/Subtract Decimals➤ Perimeter with decimals➤ Tables & Graphs w/Decimals & Fractions➤ Financial Literacy
4th Six Weeks	5th Six Weeks	6th Six Weeks
<ul style="list-style-type: none">➤ Area & volume➤ Classify 2D figures➤ Coordinate Planes & Patterns in Tables➤ Graphs/Data➤ PS with Data	<ul style="list-style-type: none">➤ Review all TEKS➤ State Assessment➤ Decimal Review➤ Fraction Review	<ul style="list-style-type: none">➤ Step up to 6th➤ Fraction/Decimal/Percent

Do I HAVE to participate in class?

Absolutely! Active participation is expected in math. Why? Because math is an experience. If you're not a part of the learning, you're missing it.

What materials will I need to ensure my success in math this year?

- In 5th grade math, a spiral will be required. This spiral will be used to create our “textbook.” It will be an essential resources this year for every student, and will need to be brought to class every day.
- A composition book will be required for our daily warm up activities. This will kept in the classroom.
- Each student will be provided a Motivation Math workbook that will be kept in the classroom.
- Students will be required to join our Google Classroom online, to access important information, assignments, and due dates.

Where should I go for extra help?

- Prodigy: <https://prodigygame.com/>
- Khan Academy: <https://www.khanacademy.org/>
- Math Antics: <https://mathantics.com/>
- Most importantly, your teacher! We’re here to help!

What if I’m tardy or absent from class?

Please be in class on time every day! Being absent or tardy will cause you to get behind in your work, miss important lessons, and lose great instruction from your teacher. However, if you are genuinely sick, or have a reason to be out, you will be responsible for the work you’ve missed. You will be encouraged to attend tutorials to receive the instruction from your absence, or to complete any assignments you were not able to do in your absence. Talk with your teacher and schedule a time to meet.

How will I be graded in Math this year?

Grading Practices:

Six weeks grades shall be obtained by averaging homework, daily work (class work, daily/pop quizzes, etc.) and major grades (tests, projects, lengthy assignments, MISD Curriculum Based Assessments, etc). Daily assignments may count more than once, but no more than twice.

Intermediate School Grading Guidelines

Teachers shall determine academic student progress using a grade percentage scale of 0-100:

90-100 = A

80-89 = B

70-79 = C

Below 70 = Failing

I = Incomplete (“I” is not an academic grade, but indicates incomplete work.)

Citizenship grades are measured on a Likert scale (ESNU).

E = Excellent

S = Satisfactory

N = Needs Improvement

U = Unsatisfactory

Grade Categories

50% - Daily Assignments/Quizzes (minimum of 2 grades per grading period)

40% - Major Tests/Projects*(minimum of 2 grades per grading period)

10% - Homework (minimum of 2 grades per grading period)

*District Curriculum-Based Assessments (CBAs) are calculated as part of the Major Grades/Projects category.

Number of Grades Each Grading Period

10 (minimum)

Homework

We will have homework at least once a week every week, except for extended holidays, such as Thanksgiving Break, Winter Break, and Spring Break.

Semester Grades

Semester grades are computed by averaging the numerical grades recorded for each of the three grading periods within the semester. The three grading periods will equal 100% of the student's grade (33.3% per grading period). Credit is awarded at the end of the academic year.

*No semester exams are administered at the intermediate level.

UIL Eligibility ("No Pass/No Play")

- Semester grades are computed by averaging the numerical grades recorded for each of the three six week reporting periods.
- Each six week grading period will stand alone for eligibility purposes.
- A student who is declared academically ineligible after a six week grading period will be able to regain eligibility if all of the student's grade averages are 70% or higher at the subsequent 3 week grade reporting period.
- See MISD Board Policy FM (LOCAL) – Exempt Courses.

How will I know what my current grade is in Math?

Student grades will be posted in Skyward within five business days for daily grades and major grades. Special consideration is given to major projects, including lengthy writing assignments.

What can I do if I fail an assignment?

- If you fail an assignment, you are encouraged to attend tutorials to receive additional instruction on that topic. You will need to talk with your teacher and schedule a time to meet.
- Retakes and corrections will ONLY be allowed on major tests or assessments (below 70%) for a maximum grade of 70%. You will not be able to retake daily assignments or homework.
 - All retakes or corrections must be completed prior to the end of each six week grading period unless the student is afforded time, after the six week grading period, as a result of the district's absent/make-up guidelines.

What if I turn in an assignment late/past the due date?

Teachers will accept late work:

- 1 class day late – grade will be reduced 15 points
- 2 class days late – grade will be reduced 30 points
- *Students will still be required to complete missing work, but will not be able to receive a grade if turned in 3 class days late.

What is Academic Dishonesty?

Academic dishonesty, including cheating and plagiarism, are taken very seriously.*

Some examples of academic dishonesty include:

- Cheating or copying off of someone else's work.
- Allowing someone else to cheat or copy off of your work.
- Using someone else's work as your own.
- Doing someone else's work for them.
- Allowing someone else to do your work for you. This includes your family- you can definitely ask for help from relatives, but don't let them do your work for you.

*Refer to your student handbook for more details.

MISD Local Assessments 2017-18

Curriculum Based Assessment

Philosophy

Mansfield Independent School District is committed to teaching and learning that facilitates student success. Local assessments are an integral and critical component of instruction. They serve as instruments to provide the direction in the instructional decision-making process and to motivate students to learn. Assessment for learning is an ongoing, interactive process that supports the curriculum framework and alignment of the written, taught, and tested curriculum.

Purpose

- To measure the extent to which students are learning curriculum standards/objectives so that appropriate adjustments can be made during the teaching/learning process
- To improve student learning
- To provide consistency in measuring student progress on the district curriculum
- To assist in determining professional development needs for teachers
- To support backwards design planning process

Curriculum Based Assessments

- Check and assess student mastery of a discrete part of the curriculum
- Are the basis for gathering information to make curriculum decisions
- **Are NOT meant to predict performance on state test**
- **Are aligned to the rigor of the verbs within the TEKS**
- Once graded and returned to students, CBAs CAN be sent home for parents to review
- Will contain 25 questions or less in K-6 and 20 questions or less in grades 7-12
- Must be modified by the teacher when specified by IEPs or 504s.
- Are required to use the digital submission feature for scoring in grades 7-12. *(There will be leeway allowed for the onboarding of iPads with 7th grade.)*

Fidelity

Each content teacher facilitates student practice of skills and content needed for mastery on the CBA. It is essential that all teachers follow the same protocol in preparation and administration of assessments to get valid data. Therefore, practicing the actual CBA question invalidates the purpose of the CBA and does not allow students to demonstrate transfer of skills to different formats. Examples of appropriate review procedures include backward design, planning and the use of parallel questions. Please note that the actual CBA is NOT to be used as the review. In preparation for the CBA, teachers in grades K-6 may conduct a one day review. For CBAs in grades 7-12, teachers should not review for more than 20 minutes.

CBAs will be available on curriculum and instruction sites solely for the purpose of teacher planning and preparation.

Last Edit: 7/11/2017

Instructional Periods (not aligned with Grading Periods)	Math/ 5th Science	
August 16-September 29	October 2-4	
October 2-November 10	November 14-16	
November 13 – January 12	Science/Math (5 th /6 th) Dec 18-20	Math (2 nd -4 th) Jan 16-18
January 16 – February 23	February 27-28, March 1	
February 26– April 13	April 17-19	
April 16 – May 23	No CBAs	

STAAR Test Date(s) Apr 10 (Tues) | Grade 5 Mathematics