

5th Grade Math Syllabus

Mrs. Morgan

OVERVIEW

The 5th-grade math curriculum goes beyond facts and formulas, teaching students to think about math conceptually. It helps students become not merely literate but fluent in mathematics. Your involvement in your child's education can have a significant impact on their success in school. Individual practice is essential to your child's success in math. Classtime is set aside for students to practice classwork. Uncompleted classwork will be assigned as homework. Other homework will include math fact practice, watching math videos, or projects.

To view the curriculum visit <https://gm.greatminds.org/math-for-texas> to sign up for your free individual parent account. Select INDIVIDUAL ACCESS. Enter your name, email address, and zip code, then select PARENT/FAMILY as your role. Then select the SUBMIT button.

HELPFUL STUDENT WEBSITES

- <https://digital.greatminds.org/>
- <https://www.khanacademy.org/>
- <https://play.prodigygame.com/>
- <https://login.i-ready.com/>

Unit 1

1. Place value through the thousandth place
2. Decimal fractions and place value patterns
3. Rounding decimal fractions
4. Adding, subtracting, multiplying, and dividing decimals.

Unit 2

1. Prime and composite numbers

2. Multi-digit multiplication with whole numbers and decimals using partial products and standard algorithm
3. Measurement word problems with whole number and decimal multiplication
4. Multi-digit division with whole numbers and decimals using partial quotients and standard algorithm.
5. Measurement Word problems using whole numbers and decimal division

Unit 3

1. Fractions
2. Building equivalent fractions pictorially and numerically
3. Adding and subtracting fractions with like and unlike denominators.
4. Solving word problems using addition and subtraction of fractions.

Unit 4

1. Repeated addition of fractions as multiplication
2. Multiplication of fractions and mixed numbers.
3. Dividing fractions and mixed numbers
4. Applying fractions and decimals to Personal Financial Literacy
5. Numerical Expressions

Unit 5

1. Geometry
2. Volume and Area using whole numbers and fractions
3. Drawing, Analysis, and classification of two-dimensional shapes

Unit 6

1. coordinate plane
2. Graphing number patterns and rules
3. Data representation and analysis