Grade 6 Mathematics Syllabus

2026–2027

Academic standards, adopted by the Tennessee State Board of Education, establish expectations for what students should know and be able to do by the end of sixth-grade mathematics. Clarksville-Montgomery County School System determines the pacing of these standards throughout the school year.

The table below provides an overview of the mathematics units students will study this year.

Instructional Order	Module	Dates	Unit Title	Essential Question
1	Module 3	Aug 5–Aug 28	Compute with Multi-Digit Numbers and Fractions	How are operations with fractions and decimals related to operations with whole numbers?
2	Module 1	Aug 31–Sept 18	Ratios and Rates	How can you describe how two quantities are related?
3	Module 2	Sept 21–Oct 1	Fractions, Decimals, and Percents	How can you use fractions, decimals, and percents to solve everyday problems?
4	Module 4	Oct 2–Oct 30	Integers, Rational Numbers, and the Coordinate Plane	How are integers and rational numbers related to the coordinate plane?
	Benchmark 1	Nov 4–5	Modules 1–4	
5	Module 5	Nov 2–Dec 17	Numerical and Algebraic Expressions	How can we communicate algebraic relationships using mathematical symbols?
6	Module 6	Jan 6–Jan 27	Equations and Inequalities	How are the solutions of equations and inequalities different?
7	Module 7	Jan 28–Feb 9	Relationships Between Two Variables	What are the different ways relationships between two variables can be represented?
8	Module 10	Feb 10–Mar 2	Statistical Measures and Displays	Why is data collected and analyzed, and how can it be displayed?
	Benchmark 2	Mar 3–4	Modules 1–7 & 10	
9	Module 8	Mar 5–Mar 25	Area	How are the areas of triangles and rectangles used to determine the areas of polygons?
10	Module 9	Mar 29–Apr 12	Volume and Surface Area	How can volume and surface area be used to describe three-dimensional figures?