

5th Grade Curriculum

Make 5th grade math engaging with Congruent Math. Help your class master fractions, geometry, and more through fun, real-life lessons. Try our free lesson plans today!

Overview

In 5th grade math, students learn about fractions, decimals, and percentages, and basic geometry concepts such as area, perimeter, and volume. They also learn basic algebraic concepts, including variables and equations, and problem-solving skills. Additionally, students learn about graphing and data analysis like interpreting line plots.

Make math exciting with my curriculum, unit & lesson plans covering every 5th grade CCSS standard.

In each lesson, students master these topics with artistic and interactive guided notes, and gain practice with such as a doodle and color-by-number activity and a maze worksheet. Each lesson culminates with a real-life application of math, making each topic feel deeply relevant.

If you're looking to make math more engaging — in a way that's Common Core-aligned — this is the curriculum plan for you.

Year at a Glance

Unit	Title	Summary	Key Standards*
1	Decimal Place Value & Powers of 10	Students learn place value up to the thousandths place, multiplying and dividing numbers by powers of ten, converting between standard and expanded form, and comparing and rounding decimals.	5.NBT.A.1 5.NBT.A.2 5.NBT.A.3 5.NBT.A.4
2	Whole Number & Decimal Operations	Students learn how to multiply and divide multi-digit whole numbers, and perform addition, subtraction, multiplication, and division with decimals as well as solve word problems involving decimals.	5.NBT.B.5 5.NBT.B.6 5.NBT.B.7
3	Numerical Expressions & Patterns	Students learn how to evaluate and write numerical expressions and generate numerical patterns.	5.OA.A.1 5.OA.A.2 5.OA.B.3
4	Fraction & Mixed Number Operations	Students learn how to perform basic operations with fractions, including addition, subtraction, multiplication, and division, as well as solving word problems involving fractions.	5.NF.A.1 5.NF.A.2 5.NF.B.3 5.NF.B.4 5.NF.B.5 5.NF.B.6 5.NF.B.7
5	Measurement Units & Interpreting Data	Students learn how to convert between customary and metric units of measurement, interpret line plots, and work with measurements that involve decimals.	5.MD.A.1 5.MD.B.2

6	2D Geometry	Students learn about graphing on a coordinate plane, and how to classify triangles and quadrilaterals based on their properties.	5.G.A.1 5.G.A.2 5.G.B.3 5.G.B.4
7	Volume	Students learn how to find the volume of right rectangular prisms and composite rectangular prisms using whole numbers and word problems.	5.MD.C.3 5.MD.C.4 5.MD.C.5

* Abbreviated list. Visit congruentmath.com/curriculum/5th-grade/ for full standards alignment & resources.

Materials You May Need

Supporting resources that pair with this pacing guide.

- Guided Notes Bundle: structured printable & digital notes for every unit – [open resource](#)
- Free Curriculum Library: unit maps & lesson plans – [browse online](#)
- Practice & Extension Activities: printable + interactive options – [open catalog](#)