

# Khan Academy Fifth Grade Pacing Guide

Thank you for choosing Khan Academy for your student's math journey this year! Below, you will find a checklist of the 6 main units in fifth grade as well as a list of the individual concepts in each unit. To stay on track for the year, we recommend practicing approximately 4-6 hours per week. Each unit contains time to review and extend. Use this time to use the additional supplements, extensions, etc. to build your student's understanding of the unit's concepts. All answer keys are provided with the worksheets. Please visit [www.jcsmathresources.weebly.com](http://www.jcsmathresources.weebly.com) for additional ideas and activities if desired. If you have any questions as you navigate the program, please reach out to your EF. Happy learning, mathematicians!

## Parents: Getting Started

- ☐ Choose an option below for instructions on how to navigate this pacing guide:
  - ☐ [Letter](#)
  - ☐ [Video Tutorial](#)
- ☐ [Fifth Grade Goals Checklist/Tracking Sheet for Math](#)

## Arithmetic Operations (~ 5 weeks)

### Week 1:

- ☐ [Multi-digit multiplication](#)
- ☐ [Multiplying decimals](#)

### Week 2:

- ☐ [Multi-digit division](#)
- ☐ [Dividing decimals](#)

### Week 3:

- ☐ [Common fractions and decimals](#)
- ☐ [Adding decimals](#)

### Week 4:

- ☐ [Subtracting decimals](#)
- ☐ [Khan Academy Quiz 1](#)

### Week 5:

- ☐ Review and Extend - *Choose from the options to the right*
- ☐ [Arithmetic Operations Test](#)

### Worksheets:

- [Multi-digit Multiplication](#)
- [Multi-digit Division](#)
- [Add/Subtract Decimals](#)

### Pinterest Ideas for these Standards:

- [Multi-digit multiplication](#)
- [Adding Decimals](#)
- [Subtracting Decimals](#)

### Year-long Teachers Pay Teachers Freebies

- [Assorted 5th Grade Freebies](#)

### Prodigy Math Game

- A 100% free, interactive online math game with various levels and activities to practice math concepts
- Visit [www.prodigygame.com](http://www.prodigygame.com) to sign-up as a parent/student for a free account

## Fractions (~ 7 weeks)

### Week 1:

### Worksheets:

- ❑ [Visually adding and subtracting fractions with unlike denominators](#)
- ❑ [Adding and subtracting fractions with unlike denominators](#)
- ❑ [Quiz 1](#)

#### Week 2:

- ❑ [Adding and subtracting mixed number with unlike denominators](#)
- ❑ [Adding and subtracting fractions with unlike denominators word problems](#)

#### Week 3:

- ❑ [Multiplication as scaling](#)
- ❑ [Quiz 2](#)
- ❑ [Multiplying fractions and whole numbers](#)
- ❑ [Multiplying fractions and whole numbers word problems](#)
- ❑ [Quiz 3](#)

#### Week 4:

- ❑ [Multiplying fractions](#)
- ❑ [Multiplying mixed numbers](#)
- ❑ [Quiz 4](#)

#### Week 5:

- ❑ [Fractions as division](#)
- ❑ [Dividing unit fractions by whole numbers](#)
- ❑ [Quiz 5](#)

#### Week 6:

- ❑ [Dividing fractions and whole numbers word problems](#)
- ❑ [Rewriting fractions as decimals](#)

#### Week 7:

- ❑ Review and Extend- *Choose from the options to the right*
- ❑ [Fractions Test](#)

- [Add/Subtract Fractions](#)
- [Fraction Word Problems](#)
- [Multiplying/Dividing Fractions](#)
- [Multiplying Fractions and Whole Numbers](#)
- [Using Diagrams to Multiply Fractions](#)
- [Understand Multiplication as Scaling](#)
- [Estimating Multiplication of Fractions](#)
- [Dividing Fractions](#)
- [Dividing by Unit Fractions](#)
- [Fraction Division Word Problems](#)

#### Pinterest Ideas for these Standards:

- [Adding Fractions](#)
- [Subtracting Fractions](#)
- [Multiplying Fractions](#)
- [Dividing Fractions](#)

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## Measurement and Data (~4 weeks)

### Week 1:

- ☐ [Volume intro](#)
- ☐ [Finding volume](#)

### Week 2:

- ☐ [Unit conversion](#)
- ☐ [Quiz 1](#)

### Week 3:

- ☐ [Unit measurement word problems](#)
- ☐ [Data](#)

### Week 4:

- ☐ Review and Extend- *Choose from the options to the right*
- ☐ [Measurement and Data Test](#)

### Worksheets:

- [Measurement Conversion](#)
- [Line Plots](#)
- [Finding Volume with Unit Cubes](#)
- [Finding Volume of Rectangular Prisms](#)
- [Compound Volume](#)

### Pinterest Ideas for these Standards:

- [Volume Activities](#)

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## Place Value and Decimals (~6 weeks)

### Week 1:

- ☐ [Decimal place value intro](#)
- ☐ [Decimals in expanded form](#)
- ☐ [Decimals in written form](#)
  - ☐ [Quiz 1](#)

### Week 2:

- ☐ [Comparing decimals](#)
- ☐ [Rounding decimals](#)
  - ☐ [Quiz 2](#)

### Week 3:

- ☐ [Multiplying and dividing whole numbers by 10, 100, and 1000](#)
- ☐ [Multiplying and dividing decimals by 10, 100, and 1000](#)
  - ☐ [Quiz 3](#)

### Week 4:

- ☐ [Powers of 10](#)
- ☐ [Multiplying and dividing with powers of 10](#)
  - ☐ [Quiz 4](#)

### Week 5:

### Worksheets:

- [Understanding Place Value with Decimals](#)
- [Patterns of Zeroes](#)
- [Writing Decimals in Various Ways](#)
- [Rounding Decimals](#)
- [Comparing Decimals](#)
- [Multiplying/Dividing Decimals](#)

### Pinterest Ideas for these Standards:

- [Decimal Place Value](#)

### Teachers Pay Teachers Freebies

- [Assorted 5th Grade Freebies](#)

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☐ [Comparing decimal place values](#)

☐ [Regrouping decimal numbers](#)

**Week 6:**

☐ Review and Extend- *Choose from the options to the right*

☐ [Place Value and Decimals Test](#)

### Geometry (~ 3 weeks)

**Week 1:**

☐ [Intro to the coordinate plane](#)

☐ [Coordinate plane word problems](#)

**Week 2:**

☐ [Quadrilaterals](#)

**Week 3:**

☐ Review and Extend- *Choose from the options to the right*

☐ [Geometry Test](#)

**Worksheets:**

- [Understanding the Coordinate Plane](#)
- [Practice with the Coordinate Plane](#)
- [Classifying Shapes in More than One Way](#)
- [Classifying Shapes](#)

**Pinterest Ideas for these Standards:**

- [Coordinate Plane Activities](#)

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### Algebraic Thinking (~ 3 weeks)

**Week 1:**

☐ [Writing expressions](#)

**Week 2:**

☐ [Number patterns](#)

**Week 3:**

☐ Review and Extend- *Choose from the options to the right*

☐ [Algebraic Thinking Test](#)

**Worksheets:**

- [Solving with Parenthesis](#)
- [Rewriting Number Sentences](#)
- [Graphing Patterns](#)
- [Creating Equations](#)

**Pinterest Ideas for these Standards:**

- [Fifth Grade Math Review](#)

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**State Testing Review (1-2 weeks)**

[Explore these State Testing Review Resources](#)

**More Parent and Student Resources Available at**

[www.jcsmathresources.weebly.com](http://www.jcsmathresources.weebly.com)