

Khan Academy First 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 4 main units in first grade as well as a list of the individual concepts in each unit. To stay on track for the year, we recommend practicing approximately 3-4 hours per week. Each unit contains time to review, refresh and extend. Use this time to explore the additional resources provided on the right hand side of this document to customize your student's learning journey. All answer keys are provided with the worksheets.

Parents: Getting Started

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

Place Value (~ 7-8 weeks)

Week 1:

- ☐ [Numbers 0 to 120](#)
- ☐ [120 Chart](#)

Week 2:

- ☐ Continue practicing numbers 0-120
- ☐ [Ones and tens](#)

Week 3:

- ☐ Continue practicing Ones and Tens
- ☐ [Bundles of 10 ones = 1 ten](#)

Week 4:

- ☐ Continuing discussing Bundles of 10s
- ☐ [Understanding numbers 11-19](#) (*only watch first 4 minutes*)

Week 5:

- ☐ [Comparing 2-digit numbers](#)

Week 6:

- ☐ [Subtracting Multiples of 10 from Multiples of Ten](#)
- ☐ [Adding multiples of 10 to multiples of ten](#)

Week 7:

- ☐ Review, Refresh, and Expand
- ☐ [Place Value Check-Up](#)

Worksheets:

- [Counting to 120](#)
- [Creating Multiples of 10](#)
- [Breaking apart 10s and 1s](#)
- [Understanding 10s and 1s](#)
- [Comparing Numbers](#)
- [Adding Multiples of 10](#)
- [Finding 10 more or 10 less](#)
- [Subtracting Multiples of 10](#)

Pinterest Ideas for these concepts:

- [First Grade Place Value](#) (Blog)
- [Place Value Activities](#)
- [Ones and Tens Activities](#)

Teachers Pay Teachers Freebies

- [Counting to 120](#)
- [Ones and Tens](#)
- [Understanding Numbers](#)
- [Comparing Numbers](#)
- [Adding Multiples of 10](#)

Prodigy Math Game

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

Tasks from Illustrative Mathematics

- [Numbers and Operations in Base Ten](#)

Addition and Subtraction (~10-11 weeks)

Week 1:

- ☐ [Addition within 20](#)
- ☐ Strategies for Addition

Week 2:

- ☐ [Subtraction within 20](#)
- ☐ Strategies for Subtraction

Week 3:

- ☐ [Relate addition and subtraction](#) (fact families)

Week 4:

- ☐ [Equal sign](#)

Week 5:

- ☐ [Word problems within 20](#)

Week 6:

- ☐ [Missing number within 20](#)

Week 7:

- ☐ [Word problems with "more" and "fewer"](#)

Week 8:

- ☐ [Adding 1s and 10s](#)

Week 9:

- ☐ [Intro to addition with 2-digit numbers](#)

Week 10:

- ☐ Review, Refresh, and Expand
- ☐ [Addition and Subtraction Check-Up](#)
 - ☐ [Answer Key](#)

Worksheets:

- [Add and Subtract within 20](#)
- [Adding Multiple Addends within 20](#)
- [Combining Addends](#) (Strategy)
- [Relating Addition and Subtraction](#)
- [Counting Up and Counting Down Strategy](#)
- [Adding within 20 with equal sign](#)
- [Understanding Equal Sign](#)
- [Mixed addition and subtraction](#)
- [Create-Your-Own Worksheet for Addition Facts](#)

Pinterest Ideas for these Standards:

- [Addition within 20](#)
- [Subtraction within 20](#)
- [Understanding the Equal Sign](#)
- [First Grade Word Problems](#)
- [Two-Digit Addition](#)

Teachers Pay Teachers Freebies

- [Adding within 20](#)
- [Strategies for Addition](#) (1st Grade)
- [Strategies for Subtraction](#) (1st Grade)
- [Understanding the Equal Sign](#)
- [First Grade Word Problems](#)
- [Word Problems with More and Fewer](#)

Prodigy Math Game

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Measurement and Data (~4-5 weeks)

Week 1:

- ☐ [Length and size](#)

Week 2:

Worksheets:

- [Ordering by Length](#)
- [Measuring Objects with Objects](#)
- [Telling time to the hour and half hour](#)
- [Answering Questions about Data](#)

- ☐ [Bar graphs](#)

Week 3:

- ☐ [Time](#)

Week 4:

- ☐ Review, Refresh, and Expand
- ☐ [Measurement and Data Check-Up](#)
 - ☐ [Answer Key](#)

Pinterest Ideas for these Standards:

- [First Grade Measuring Activities](#)
- [Bar Graphs](#)
- [Telling Time](#)

Teachers Pay Teachers Freebies

- [Measurement and Data Resources](#)
- [Measuring Length](#)
- [Bar Graphs](#)
- [Telling Time Activities](#)

Geometry (~5-6 weeks)

Week 1:

- ☐ [Shapes](#)

Week 2:

- ☐ [Fractions of shapes](#)

Week 3:

- ☐ What is a 2D shape?
- ☐ What is a 3D shape?

Week 4:

- ☐ Composing Shapes to Make Other Objects

Week 5:

- ☐ Review, Refresh, and Expand
- ☐ [Geometry Check-Up](#)
 - ☐ [Answer Key](#)

Worksheets:

- [Identifying Shapes](#)
- [Fractions of Shapes](#)

Pinterest Ideas for these Standards:

- [Shapes Activities](#)
- [Halves and Fourths](#)
- [First Grade Geometry](#)

Teachers Pay Teachers Freebies

- [Geometry Resources](#)
- [Shapes](#)
- [Fractions of Shapes](#)
- [Shapes Posters](#)
- [2-D and 3-D Shapes](#)

More Parent and Student Resources Available at www.jcsmathresources.weebly.com