Grade 1 Mathematics Year At-A-Glance

Overview

How can we use mathematics to organize and make sense of our world? Students in first grade develop their number sense in relation to the counting sequence and base ten number system (moving from counting to grouping) and internalizing number combinations to develop basic fact fluency and reasoning skills. Using contextual situations that come from their world, students become fluent with numbers to 20 and develop number sense for numbers up to 120.

Quarter 1	**Unit 1: Building a Mathematical Community Through the Data Cycle (about 9 days)**	**Unit 2: Counting and Number Part 1 (about 19 days)**	**Unit 3: Addition and Subtraction Part 1 (about 22 days)**

Quarter 2	**Unit 4: Sorting and Classifying Objects (about 14 days)**	**Unit 5: Counting and Number Part 2 (about 25 days)**

Quarter 3	**Unit 6: Addition and Subtraction Part 2 (about 20 days)**	**Unit 7: Shapes and Fractions (about 15 days)**	**Begin Unit 8: Counting and Number Part 3 (about 10 days)**

Quarter 4	**Complete Unit 8: Counting and Number Part 3 (about 9 days)**	**Unit 9: Time and Patterns (about 16 days)**	**Unit 10: Addition and Subtraction Part 3 (about 17 days)**

** 1.CE.1c should be addressed throughout the year.

Quarter 1: August 19 – October 31 (50 Days)

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 1	Unit 1: Building a Mathematical Community Through the Data Cycle	about 9 days	1.PS.1 The student will apply the data cycle (pose questions; collect or acquire data; organize and represent data; and analyze data and communicate results) with a focus on object graphs, picture graphs, and tables.
	Unit 2: Counting and Number Part 1	about 19 days	1.NS.1 The student will utilize flexible counting strategies to determine and describe quantities up to 120. [focus on counting to 100 and backward from 15; skip counting by 10s to 100; collections to 40; pennies and dimes] 1.NS.2 The student will represent, compare, and order quantities up to 120. [focus on quantities up to 40] 1.CE.1 The student will recall with automaticity addition and subtraction facts within 10 and represent, solve, and justify solutions to single-step problems, including those in context, using addition and subtraction with whole numbers within 20. [focus on combinations of 1, 2, 3, 4, 5, and 10]
	Unit 3: Addition and Subtraction Part 1	about 22 days	1.CE.1 The student will recall with automaticity addition and subtraction facts within 10 and represent, solve, and justify solutions to single-step problems, including those in context, using addition and subtraction with whole numbers within 20. [focus within 10]

** 1.CE.1c should be addressed throughout the year.

Quarter 2: November 6 – January 17 (39 Days) Quarter 2 Unit Guides will be released on October 16, 2024

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 2	Unit 4: Sorting and Classifying Objects	about 14 days	1.PS.1 The student will apply the data cycle (pose questions; collect or acquire data; organize and represent data; and analyze data and communicate results) with a focus on object graphs, ~~picture graphs,~~ and tables. [focus on object graphs and tables]
	Unit 5: Counting and Number Part 2	about 25 days	1.NS.1 The student will utilize flexible counting strategies to determine and describe quantities up to 120. [focus on counting to 110 and backward from 20; skip counting by 5s to 100; collections to 100] 1.NS.2 The student will represent, compare, and order quantities up to 120. [focus on quantities up to 100] 1.CE.1 The student will recall with automaticity addition and subtraction facts within 10 and represent, solve, and justify solutions to single-step problems, including those in context, using addition and subtraction with whole numbers within 20. 1.MG.1 The student will reason mathematically using nonstandard units to measure and compare objects by ~~length, weight, and~~ volume. [focus on volume]

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Quarter 3: January 23 – March 27 (45 Days) Quarter 3 Unit Guides will be released on January 2, 2025

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 3	Unit 6: Addition and Subtraction Part 2	about 20 days	1.CE.1 The student will recall with automaticity addition and subtraction facts within 10 and represent, solve, and justify solutions to single-step problems, including those in context, using addition and subtraction with whole numbers within 20. [focus on doubles, near doubles, and inverse relationship strategies]
	Unit 7: Shapes and Fractions	about 15 days	1.MG.2 The student will describe, sort, draw, and name plane figures (circles, triangles, squares, and rectangles), and compose larger plane figures by combining simple plane figures. 1.NS.3 The student will use mathematical reasoning and justification to solve contextual problems that involve partitioning models into two and four equal-sized parts.
	Begin Unit 8: Counting and Number Part 3	about 10 days	1.NS.1 The student will utilize flexible counting strategies to determine and describe quantities up to 120. 1.NS.2 The student will represent, compare, and order quantities up to 120. 1.MG.1 The student will reason mathematically using nonstandard units to measure and compare objects by length, weight, ~~and volume~~. [focus on length and weight]

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Quarter 4: April 1 – June 12 (46 Days) Quarter 4 Unit Guides will be released on March 11, 2025

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 4	Complete Unit 8: Counting and Number Part 3	about 9 days	1.NS.1 The student will utilize flexible counting strategies to determine and describe quantities up to 120. 1.NS.2 The student will represent, compare, and order quantities up to 120. 1.MG.1 The student will reason mathematically using nonstandard units to measure and compare objects by length, weight, ~~and volume~~. [focus on length and weight]
	Unit 9: Time and Patterns	about 16 days	1.MG.3 The student will demonstrate an understanding of the concept of passage of time (to the nearest hour and half-hour) and the calendar. 1.PFA.1 The student will identify, describe, extend, create, and transfer repeating patterns and increasing patterns using various representations.
	Unit 10: Addition and Subtraction Part 3	about 17 days	1.CE.1 The student will recall with automaticity addition and subtraction facts within 10 and represent, solve, and justify solutions to single-step problems, including those in context, using addition and subtraction with whole numbers within 20. [focus on make ten/ bridge ten] 1.PS.1 The student will apply the data cycle (pose questions; collect or acquire data; organize and represent data; and analyze data and communicate results) with a focus on ~~object graphs~~, picture graphs, and tables. [focus on picture graphs and tables]

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