

Topic: Fractions, Decimals, and Numbers – Grade 1

Standards Plus® Reteach - Math - Lesson Index

Lesson	Focus	Lesson Objective	Standards
Assess 1A	Identifying, Counting, Naming Numbers		
Lesson 1	Identifying & Counting Numbers 1-10	<i>Demonstrate the ability to count and recognize the numbers from 1 to 100.</i>	K NS 1.2 I NS 1.1
Lesson 2	Identifying & Counting Numbers 11-20		
Lesson 3	Identifying & Counting Numbers 21-30		
Lesson 4	Identifying & Counting Numbers to 100		
Lesson 5	Place Value Ones and Tens	<i>Demonstrate an understanding of place value of numbers to the 1,000s place.</i>	I NS 1.4
Lesson 6	Naming Numbers	<i>Name numbers using their numeric and word forms.</i>	K NS 1.2 I NS 1.1
Lesson 7	Naming Numbers		
Lesson 8	Expanded Notation	<i>Demonstrate the ability to identify numbers from expanded notation and to write numbers using expanded notation.</i>	I NS 1.4
Assess 1B	Identifying, Counting, Naming Numbers		

Assess 2A	Ordering, Comparing, Showing Numbers		
Lesson 9	Ordering Numbers	<i>Demonstrate the ability to place numbers in order from least to greatest.</i>	K NS 1.2 I NS 1.2
Lesson 10	Ordering Numbers		
Lesson 11	One More, One Less	<i>Determine the number that is one more/less or ten more/less than a given number.</i>	I NS 2.3
Lesson 12	Ten More, Ten Less		
Lesson 13	Comparing Numbers	<i>Demonstrate the ability to use the symbols $<$, $>$, $+$ to compare whole numbers.</i>	K NS 1.1, 1.3 I NS 1.2
Lesson 14	Comparing Numbers		
Lesson 15	Equivalent Forms in Addition	<i>Demonstrate the ability to show equivalent forms of numbers using addition and subtraction.</i>	I NS 1.3
Lesson 16	Equivalent Forms in Subtraction		
Assess 2B	Ordering, Comparing, Showing Numbers		

Assess 3A	Fractions / Money		
Lesson 17	Identify Equal Parts (Halves)	<i>Identify figures that are divided into equal parts.</i>	K AF 1.1 I SDAP 1.1
Lesson 18	Identify Equal Parts (Thirds)		
Lesson 19	Identify Equal Parts (Fourths)		
Lesson 20	Identify and Write Halves	<i>Identify figures that are divided into fractional parts.</i>	K AF 1.1 I SDAP 1.1
Lesson 21	Identify and Write Thirds		
Lesson 22	Identify and Write Fourths		

California Standards References

NS – Number Sense

SDAP – Statistics, Data Analysis, & Probability

AF – Algebra & Functions

MR – Mathematical Reasoning

MG – Measurement & Geometry

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Lesson 23	What is a Dollar?	<p align="center"><i>Recognize the coins that combine to equal \$1.00. Recognize the amount of dollars in the 5, 10, and 20 dollar bills.</i></p>	<p align="center">K MG 1.1 1 NS 1.5</p>
Lesson 24	Using Pennies		
Lesson 25	Using Nickels		
Lesson 26	Using Dimes		
Lesson 27	Using Quarters		
Assess 3B	Fractions / Money		

1.0 Number Sense

- 1.1 Count, read, and write whole numbers to 100.
- 1.2 Compare and order whole numbers to 100 by using the symbols for less than, equal to, or greater than (<, =, >).
- 1.3 Represent equivalent forms of the same number through the use of physical models, diagrams, and number expressions (to 20) (e.g., 8 may be represented as 4 + 4, 5 + 3, 2 + 2 + 2, 10 - 2, 11 - 3).
- 1.4 Count and group objects in ones and tens (e.g., three groups of 10 and 4 equals 34, or 30 + 4).
- 1.5 Identify and know the value of coins and show different combinations of coins that equal the same value.

1.0 Statistics, Data Analysis, and Probability

- 1.1 Sort objects and data by common attributes and describe the categories.

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Lesson	Focus	Lesson Objective	Standards
Assess 1A	Addition & Subtraction Facts		
Lesson 1	Adding by Counting On	Use strategies to compute the addition facts to 20.	K NS 2.1 I NS 2.1
Lesson 2	Addition Facts to 20 – Using a Number Line		
Lesson 3	Addition Facts to 20 – Using a Number Line		
Lesson 4	Addition Facts to 20		
Lesson 5	Subtracting by Counting Back	Use strategies to compute the subtraction facts to 20.	K NS 2.1 I NS 2.1
Lesson 6	Subtraction Facts to 20 – Using a Number Line		
Lesson 7	Subtraction Facts to 20 – Using a Number Line		
Lesson 8	Subtraction Facts to 20		
Lesson 9	Fact Families	Recognize the facts in addition/subtraction fact families	I NS 2.2
Lesson 10	Fact Families		
Lesson 11	Skip Counting – by 2s	Count by 2s, 5s, and 10s to 100.	I NS 2.4
Lesson 12	Skip Counting – by 5s and 10s		
Assess 1B	Addition & Subtraction Facts / Skip Counting		

Assess 2A	Addition with Multi-Digit Numbers and in Word Problems		
Lesson 13	Multi-Digit Addition – No Regrouping	Add two multi-digit numbers without regrouping.	I NS 2.6, 2.7
Lesson 14	Multi-Digit Addition – No Regrouping		
Lesson 15	Multi-Digit Addition – Regrouping	Add two multi-digit numbers with regrouping.	I NS 2.6, 2.7
Lesson 16	Determining Operations - Addition	Use mathematical vocabulary to determine operations.	I AF 1.1, 1.2
Lesson 17	Word Problems with Addition Facts	Solve word problems using the basic addition facts to 20.	K NS 2.1 I NS 2.1
Lesson 18	Word Problems with Addition Facts		
Lesson 19	Word Problems with Addition Facts		
Lesson 20	Word Problems with Addition (Regrouping)	Solve word problems using addition with regrouping.	I NS 2.6, 2.7
Lesson 21	Checking the Validity of Answers with Addition	Check answers to addition word problems to verify validity.	K MR 2.2 I MR 2.2
Assess 2B	Addition with Multi-Digit Numbers and in Word Problems		

Assess 3A	Subtraction with Multi-Digit Numbers and in Word Problems		
Lesson 22	Multi-Digit Subtraction – No Regrouping	Subtract two multi-digit numbers without regrouping.	I NS 2.6
Lesson 23	Multi-Digit Subtraction – No Regrouping		
Lesson 24	Multi-Digit Subtraction – Regrouping	Subtract two multi-digit numbers with regrouping.	I NS 2.6
Lesson 25	Determining Operations - Subtraction	Use mathematical vocabulary to determine operations.	I AF 1.1, 1.2

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Lesson 26	Word Problems with Subtraction Facts	Solve word problems using the basic subtraction facts to 20.	K NS 2.1 I NS 2.1
Lesson 27	Word Problems with Subtraction Facts		
Lesson 28	Word Problems with Subtraction Facts		
Lesson 29	Word Problems with Subtraction (No Regrouping)	Solve word problems using subtraction with no regrouping.	I NS 2.6, 2.7
Lesson 30	Word Problems with Subtraction (Regrouping)	Solve word problems using subtraction with regrouping.	I NS 2.6, 2.7
Lesson 31	Checking the Validity of Answers with Subtraction	Check answers to subtraction word problems to verify validity.	K MR 2.2 I MR 2.2
Assess 3B	Subtraction with Multi-Digit Numbers and in Word Problems		

2.0 Number Sense

- 2.1 Know the addition facts (sums to 20) and the corresponding subtraction facts and commit them to memory.
- 2.2 Use the inverse relationship between addition and subtraction to solve problems.
- 2.4 Count by 2s, 5s, and 10s to 100.
- 2.6 Solve addition and subtraction problems with one- and two-digit numbers (e.g., $5 + 58 = \underline{\quad}$).
- 2.7 Find the sum of three one-digit numbers.

1.0 Algebra and Functions

- 1.1 Write and solve number sentences from problem situations that express relationships involving addition and subtraction.
- 1.2 Understand the meaning of the symbols +, -, =.

2.0 Mathematical Reasoning

- 2.2 Make precise calculations and check the validity of the results from the context of the problem.

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Lesson	Focus	Lesson Objective	Standards
Assess 1A	Addition & Subtraction Number Sentences		
Lesson 1	Using +, -, = in Number Sentences	<i>Write and complete number sentences using +, -, and =.</i>	1 AF 1.2
Lesson 2	Using +, -, = in Number Sentences		
Lesson 3	Using +, -, = in Number Sentences		
Lesson 4	Using +, -, = in Number Sentences		
Lesson 5	Write Addition Sentences Using Pictures	<i>Write addition number sentences to match a given picture.</i>	1 AF 1.1, 1.2
Lesson 6	Write Addition Sentences Using Pictures		
Lesson 7	Write Addition Sentences Using Story Problems	<i>Write addition number sentences to match a given story problem.</i>	1 AF 1.1, 1.2
Lesson 8	Number Sentences – Addition	<i>Select addition number sentences that match given story problems.</i>	1 AF 1.1, 1.2
Lesson 9	Write Subtraction Sentences Using Pictures	<i>Write subtraction number sentences to match a given picture.</i>	1 AF 1.1, 1.2
Lesson 10	Write Subtraction Sentences Using Pictures		
Lesson 11	Write Subtraction Sentences Using Story Problems	<i>Write subtraction number sentences to match a given story problem.</i>	1 AF 1.1, 1.2
Lesson 12	Number Sentences – Subtraction	<i>Select subtraction number sentences that match given story problems.</i>	1 AF 1.1, 1.2
Assess 1B	Addition & Subtraction Number Sentences		

Assess 2A	Using Charts/Graphs/Tables/Variable/Matching Sentences to Problems		
Lesson 13	Use Tables to Solve Problems	<i>Determine answers to questions about the information in a table.</i>	1 AF 1.1, 1.2
Lesson 14	Use Tables to Solve Problems		
Lesson 15	Use Models to Solve Problems	<i>Determine answers to questions about the information in a model.</i>	1 AF 1.1, 1.2
Lesson 16	Use Models to Solve Problems		
Lesson 17	Use Bar Graphs to Solve Problems	<i>Determine answers to questions about the information in a bar graph.</i>	1 AF 1.1, 1.2
Lesson 18	Use Bar Graphs to Solve Problems		
Lesson 19	Use Tally Charts to Solve Problems	<i>Determine answers to questions about the information in a tally chart.</i>	1 AF 1.1, 1.2

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Lesson 20	Matching Number Sentences to Problems	<i>Determine the number sentence that matches a given problem situation.</i>	1 AF 1.1, 1.2
Lesson 21	Matching Number Sentences to Problems		
Lesson 22	Using Variables	<i>Use variables to represent numbers in number sentences.</i>	1 AF 1.1, 1.2
Lesson 23	Solving Addition Problems with Variables	<i>Solve addition problems in which there is a variable.</i>	1 AF 1.1, 1.2
Lesson 24	Solving Subtraction Problems with Variables	<i>Solve subtraction problems in which there is a variable.</i>	1 AF 1.1, 1.2
Lesson 25	Solving Problems Using a Pictograph	<i>Solve addition and subtraction problems from a pictograph.</i>	1 AF 1.1, 1.2
Assess 2B	Using Charts/Graphs/Tables/Variable/Matching Sentences to Problems		

1.0 Algebra and Functions

1.1 Write and solve number sentences from problem situations that express relationships involving addition and subtraction.

1.2 Understand the meaning of the symbols +, -, =.

California Standards References

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Topic: Measurement, Geometry, Statistics, and Probability – Grade 1

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Lesson	Focus	Lesson Objective	Standards
Assess 1A	Measurement		
Lesson 1	Comparing Weight	Compare the weight of familiar items.	K MG 1.1 I MG 1.1
Lesson 2	Comparing Weight		
Lesson 3	Comparing Capacity	Compare the capacity of familiar items.	K MG 1.1 I MG 1.1
Lesson 4	Comparing Capacity		
Lesson 5	Parts of the Day	Demonstrate an understanding of the parts of a day.	K MG 1.2 I MG 1.2
Lesson 6	Parts of the Day		
Lesson 7	Days of the Week	Demonstrate a knowledge of the days of the week.	K MG 1.3 I MG 1.2
Lesson 8	Days of the Week		
Lesson 9	Months of the Year	Demonstrate a knowledge of the months of the year.	I MG 1.2
Lesson 10	Months of the Year		
Lesson 11	Telling Time – to the Hour	Tell time on an analog clock to the hour, half hour, and quarter hour.	K MG 1.4 I MG 1.2
Lesson 12	Telling Time – to the Half Hour		
Lesson 13	Telling Time – to the Half Hour		
Assess 1B	Measurement		

Assess 2A	Geometry		
Lesson 14	Triangles	Identify, describe, and compare triangles, rectangles, squares, and circles.	K MG 2.1 I MG 2.1
Lesson 15	Rectangles		
Lesson 16	Squares		
Lesson 17	Circles		
Lesson 18	Triangles, Rectangles, Squares, Circles		
Lesson 19	Cubes	Identify and describe cubes, spheres, and cones.	K MG 2.1 I MG 2.2
Lesson 20	Spheres		
Lesson 21	Cones		
Lesson 22	Following Directions	Follow oral and written directions.	I MG 2.3, 2.4
Lesson 23	Following Directions		
Lesson 24	Following Directions		
Lesson 25	Left and Right	Practice giving and following directions using left and right.	I MG 2.3, 2.4
Lesson 26	Left and Right		
Lesson 27	Determining Position	Determine position from given written and oral directions.	I MG 2.3, 2.4
Lesson 28	Determining Position		
Lesson 29	Determining Position		
Assess 2B	Geometry		

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Topic: Measurement, Geometry, Statistics, and Probability – Grade 1

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Assess 3A	Statistics, Data Analysis, and Probability		
Lesson 30	Sorting Objects	<i>Sort object according to given criteria.</i>	K AF 1.1 I SDAP 1.1
Lesson 31	Sorting Objects		
Lesson 32	Sorting Objects		
Lesson 33	AB Patterns	<i>Identify and complete patterns.</i>	K SDAP 1.2 I SDAP 2.1
Lesson 34	AB Patterns		
Lesson 35	ABB Patterns		
Lesson 36	ABC Patterns		
Lesson 37	AABB Patterns		
Lesson 38	Creating a Tally Chart	<i>Create, read, and interpret tally charts.</i>	K SDAP 1.1 I SDAP 1.2
Lesson 39	Read and Interpret a Tally Chart		
Lesson 40	Creating a Bar Graph	<i>Create, read, and interpret bar graphs.</i>	K SDAP 1.1 I SDAP 1.2
Lesson 41	Creating a Picture Graph	<i>Create, read, and interpret picture graphs.</i>	
Assess 3B	Statistics, Data Analysis, and Probability		

1.0 Measurement & Geometry

- 1.1 Compare the length, weight, and volume of two or more objects by using direct comparison or a nonstandard unit.
- 1.2 Tell time to the nearest half hour and relate time to events (e.g., before/after, shorter/longer).

2.0 Measurement & Geometry

- 2.1 Identify, describe, and compare triangles, rectangles, squares, and circles, including the faces of three-dimensional objects.
- 2.2 Classify familiar plane and solid objects by common attributes, and explain which attributes are being used for classification.
- 2.3 Give and follow directions about location.
- 2.4 Arrange and describe objects in space by proximity, position, and direction.

1.0 Statistics, Data Analysis, & Probability

- 1.1 Sort objects and data by common attributes and describe the categories.
- 1.2 Represent and compare data (e.g., largest, smallest, most often, least often) by using pictures, bar graphs, tally charts, and picture graphs.

2.0 Statistics, Data Analysis, & Probability

- 2.1 Describe, extend, and explain ways to get to a next element in simple repeating patterns (e.g., rhythmic, numeric, color, and shape).

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