



**California 1st Grade Standards /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	California Standard / Objective
L1	Using the numerals 0 to 9	Number Sense: 1.1
L2	Selecting the correct numeral for a given set of pictures	Number Sense: 1.1
Activity 2	Grouping and counting similar items	Number Sense: 1.1, 1.4 Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L3	Writing the correct numeral for a given set	Number Sense: 1.1
Activity 3	Creating numerals out of common materials	Number Sense: 1.1
L4	Writing the numerals 1 through 9	Number Sense: 1.1
Activity 4	Grouping and counting items based on varying data	Number Sense: 1.1, 1.4 Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L5	Filling in missing numbers when counting by 1 (0 through 9)	Number Sense: 1.1, *2.3 Statistics, Data Analysis, Probability: 2.1
Exercise 1	Using numbers in different ways	Number Sense: 1.1, 2.3
L6	Learning the concept of 10	Number Sense: 1.1
Activity 6	Recognizing, describing and creating patterns of sound and motion	Statistics, Data Analysis, Probability: 2.1
L7	Matching a set with an equal number of items	Number Sense: 1.1, 1.2
Activity 7	Creating shapes with string.	Measurement / Geometry: 2.1, 2.2
L8	Identifying circles, squares, triangles and rectangles	Measurement / Geometry: 2.1
Activity 8	Using colors and shapes to represent patterns of sound and motion	Measurement / Geometry: 2.1, *2.4 Statistics, Data Analysis, Probability: 2.1
L9	Identifying circles, squares, triangles and rectangles	Measurement / Geometry: 2.1, 2.2
Activity 9	Using colors and shapes to represent patterns of motion	Statistics, Data Analysis, Probability: 2.1
L10	Filling in missing numbers when counting down	Number Sense: 1.1, *2.3 Statistics, Data Analysis, Probability: 2.1
L11	Selecting the set with the most items	Number Sense: 1.1, 3.1 Statistics, Data Analysis, Probability: *1.2



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Activity 11	Determining the higher value in a pair of numerals between 0 and 9	Number Sense: 1.2
L12	Selecting the set with the fewest items	Number Sense: 1.1, 3.1 Statistics, Data Analysis, Probability: *1.2
Activity 12	Determining the lesser value in a pair of numerals between 0 and 9	Number Sense: 1.2
L13	Learning the concept of 11	Number Sense: 1.1
Activity 13	Comparing longer and shorter	Measurement / Geometry: 1.1 Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L14	Adding 2 numbers with a sum less than 6	Number Sense: 1.1, 1.3, 2.5
Activity 14	Comparing heavier and lighter; recording results on a chart	Measurement / Geometry: 1.1 Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L15	Adding 2 numbers with a sum less than 6	Number Sense: 1.1, 2.1, 2.5
Exercise 2	Finding and writing numbers.	Number Sense: 1.1
L16	Learning the concept of 12	Number Sense: 1.1
Activity 16	Making a selection based on observation of clues	Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L17	Filling in missing numbers when counting up or down and crossing 10	Number Sense: 1.1, *2.3 Statistics, Data Analysis, Probability: 2.1
Activity 17	Comparing and sorting common objects using a variety of criteria	Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L18	Adding 2 numbers with a sum less than 10	Number Sense: 1.1, 2.1, 2.5
Activity 18	Practicing addition facts	Number Sense: 2.1, 2.5
L19	Filling in more than 1 missing number when counting up crossing 10	Number Sense: 1.1, 2.3 Statistics, Data Analysis, Probability: 2.1
Activity 19	Modeling activity and sound patterns using shapes and colors	Measurement / Geometry: 2.1 Statistics, Data Analysis, Probability: 2.1

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L20	Identifying comparison and position word pairs	Measurement / Geometry: 2.4
L21	Learning the concept of 13 and 14	Number Sense: 1.1
Activity 21	Filling a container using multiple smaller containers	Measurement / Geometry: 1.1
L22	Learning the addition facts of 10	Number Sense: 1.1, 2.1, 2.5
Activity 22	Observing and recreating patterns using visual memory	Statistics, Data Analysis, Probability: 2.1
L23	Recognizing and adding pennies and using the cents symbol	Number Sense: 1.1, 1.5
Activity 23	Modeling patterns of movement	Statistics, Data Analysis, Probability: 2.1
L24	Learning the concept of 15 and 16	Number Sense: 1.1
Activity 24	Measuring objects using non-standard units	Measurement / Geometry: 1.1
L25	Completing a pattern of shapes	Measurement / Geometry: 2.1 Statistics, Data Analysis, Probability: 2.1
Exercise 3	Identifying geometric figures and their positions; adding horizontally	Measurement / Geometry: 2.1
L26	Telling time by the hour	Measurement / Geometry: 1.2
Activity 26	Comparing figures and grouping them into sets	Measurement / Geometry: 2.1, 2.6
L27	Telling time by the hour	Measurement / Geometry: 1.2
Activity 27	Recognizing numeral equivalents; adding numbers	Number Sense: 1.3, 2.1
L28	Identifying a set that has 1 more item than a given set	Number Sense: 1.1, 2.3
Activity 28	Identifying a point's location using the words inside and outside	Measurement / Geometry: 2.1, 2.4
L29	Recognizing and adding nickels	Number Sense: 1.1, 1.5, 2.1, 2.5
Activity 29	Estimating quantities in a container	Number Sense: 3.1
L30	Subtracting 2 numbers with a minuend less than 6	Number Sense: 2.5
L31	Subtracting 2 numbers with a minuend less than 6	Number Sense: 1.3, 2.1, 2.3, 2.5 Algebra / Functions: 1.2
Activity 31	Practicing subtraction facts	Number Sense: 2.5
L32	Adding 3 numbers with a sum less than 10	Number Sense: 1.1, 2.5, 2.7 Algebra / Functions: 1.2

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Activity 32	Measuring and comparing various dimensions	Measurement / Geometry: 1.1 Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L33	Learning the concept of 17, 18 and 19.	Number Sense: 1.1, 2.1
Activity 33	Practicing regrouping	Number Sense: 2.2, 2.5, 2.6
L34	Identifying a set that has 1 less item than a given set	Number Sense: 1.1, 2.3
Activity 34	Identifying shared characteristics of members of a set	Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L35	Learning the addition facts of 11	Number Sense: , 2.1, 2.5
L36	Fill in two consecutive missing numbers in a series.	Number Sense: 1.1, 2.1 Statistics, Data Analysis, Probability: 2.1
Activity 36	Give and Follow directions using location terms.	Measurement / Geometry: 2.4
L37	Subtract 2 one-digit numbers with a minuend less than 8.	Number Sense: 1.1, 2.1, 2.5
Activity 37	Identify similarities and differences between like objects.	Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L38	Write addition and subtraction problems horizontally.	Number Sense: 2.1, 2.5 Algebra / Functions: 1.2
Activity 38	Identify vertical, diagonal and horizontal objects.	Measurement / Geometry: 2.4
L39	Write addition and subtraction problems horizontally	Number Sense: 1.1, 2.1, 2.5 Algebra / Functions: 1.2
Activity 39	Sort items whose weight is greater than, less than or equal to another item.	Measurement / Geometry: 1.1, 2.2 Statistics, Data Analysis, Probability: 1.1, 1.2
L40	Fill in missing numbers in the middle of a series.	Number Sense: 1.1 Statistics, Data Analysis, Probability: 2.1
Exercise 4	Write the words for numbers and geometric shapes.	Number Sense: 1.1 Measurement / Geometry: 2.1
L41	Add 2 one-digit numbers with a sum of twelve.	Number Sense: 1.1, 2.1, 2.5
Activity 41	Estimate quantities	Number Sense: 3.1

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L42	Count up to 29 items	Number Sense: 1.1, 2.1 Statistics, Data Analysis, Probability: 2.1
Activity 42	Measure and compare the temperatures of cold, cool, warm and hot water.	Measurement / Geometry: *1.1 Statistics, Data Analysis, Probability: 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L43	Add numbers by starting with the larger one and adding on.	Number Sense: 1.1, 2.1, 2.5
Activity 43	Weigh an object using non-standard units.	Measurement / Geometry: 1.1
L44	Subtract 2 one-digit numbers with a minuend less than 10.	Number Sense: 2.1, 2.5
Activity 44	Reasoning – Put events in order	Number Sense: *1.4 (events) Statistics, Data Analysis, Probability: *2.1 (events)
L45	Write addition number sentences.	Algebra / Functions: 1.1, 1.2, 1.3
L46	Recognize the words zero, one, two, three, four and five.	Number Sense: 1.1, 2.1
Activity 46	Represent numbers in multiple ways.	Number Sense: 1.1
L47	Recognize the words six, seven, eight, nine and ten.	Number Sense: 1.1
Activity 47	Hop as directed by number cards.	Number Sense: 1.1
L48	Add a one-digit and two-digit number with a sum less than 20.	Number Sense: *1.3, 2.5, 2.6
Activity 48	Measurement - Capacity	Measurement / Geometry: 1.1
L49	Add a one-digit and two-digit number with a sum less than 20.	Number Sense: 1.1, 2.6
Activity 49	Find multiple geometric shapes in one complex drawing.	Measurement / Geometry: 2.1
L50	Measure lengths using non-standard units.	Measurement / Geometry: 1.1
Exercise 5	Measure shapes with rulers and define the characteristics of a good measuring device.	Measurement / Geometry: 1.1
L51	Recognize and add dimes.	Number Sense: 1.1, 1.4, 1.5, 2.5
Activity 51	Observe and recreate patterns using visual memory.	Measurement / Geometry: 2.1 Statistics, Data Analysis, Probability: 2.1

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L52	Select the number with the greatest value.	Number Sense: 1.1, *1.2, 3.1
Activity 52	Determine which of two containers has the greater volume.	Measurement / Geometry: 1.1
L53	Select the number with the least value.	Number Sense: *1.2, 3.1, 2.5
Activity 53	Determine which of four objects weighs the least.	Measurement / Geometry: 1.1 Statistics, Data Analysis, Probability: 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L54	Learn the addition facts of 13.	Number Sense: 1.1, 2.1, 2.5 Statistics, Data Analysis, Probability: 2.1
Activity 54	Discover all the possible combinations of food items.	Statistics, Data Analysis, Probability: 1.1, 1.2
L55	Learn the probability terms of certain, impossible, likely and unlikely.	Statistics, Data Analysis, Probability: 1.1, 1.2 (probability)
L56	Measure common objects and line segments to the nearest inch.	Number Sense: 2.1 Measurement / Geometry: *1.1
Activity 56	Represent patterns of motion and sound verbally and using blocks.	Measurement / Geometry: 1.1 Statistics, Data Analysis, Probability: 2.1
L57	Write number sentences using subtraction.	Number Sense: 1.1 Algebra / Functions: 1.1, 1.2, 1.3
Activity 57	Fit simple shapes over a complex shape.	Measurement / Geometry: 2.1, 2.2, 2.4 Statistics, Data Analysis, Probability: 2.1
L58	Learn subtraction facts up through 10.	Number Sense: 2.1, 2.5
Activity 58	Practice addition and subtraction facts using their listening skills.	Number Sense: 2.1, 2.5 Algebra / Functions: 1.3
L59	Recognize and write ordinals first-fifth in word and number form.	Number Sense: 1.1, *1.2 (ordinals)
Activity 59	Create patterns using animal shapes.	Statistics, Data Analysis, Probability: 2.1
L60	Choose the correct operation symbol for a number sentence.	Number Sense: 1.1 Algebra / Functions: 1.2
Exercise 6	Recognize and use math words	Number Sense: 1.1
L61	Count up to 39.	Number Sense: 1.1, 2.1

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Activity 61	Create triangles and other shapes from rectangular sheets of paper.	Measurement / Geometry: 2.1, 2.2, 2.4
L62	Tell time on the half hour.	Measurement / Geometry: 1.2
Activity 62	Solve a logic problem.	Algebra / Functions: 1.1
L63	Group by ten	Number Sense: 1.1, 1.4, 2.1
Activity 63	Weigh various objects.	Measurement / Geometry: 1.1
L64	Combine 3 one-digit numbers with a sum greater than 10.	Number Sense: 1.1, 2.7
Activity 64	Create geometric shapes by moving lines.	Measurement / Geometry: 2.1, 2.3
L65	Draw, sort and compare geometric shapes.	Measurement / Geometry: 2.1, 2.2 Statistics, Data Analysis, Probability: 1.1
L66	Write addition number sentences from story problems	Number Sense: 2.1 Algebra / Functions: 1.1, 1.2, 1.3
Activity 66	Determine the probability of rolling combinations of letters marked on a cube.	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 3.0
L67	Write subtraction number sentences from story problems.	Number Sense: 1.1 Algebra / Functions: 1.1, 1.2, 1.3
Activity 67	Complete a probability chart based on rolling random numbers.	Number Sense: 2.1, 2.5 Statistics, Data Analysis, Probability: 1.2
L68	Recognize the design and monetary value of the quarter and use the dollar sign and decimal point.	Number Sense: 1.5, 2.1
Activity 68	Identify and compare characteristics of coins.	Number Sense: 1.5
L69	Group by tens when counting higher than 19.	Number Sense: 1.1, 1.4
Activity 69	Balance a scale by moving weights from one side to the other.	Measurement / Geometry: 1.1, 2.4
L70	Learn addition facts of 14 and count up to 49.	Number Sense: 1.1, 2.1, 2.5
L71	Recognize addition and subtraction fact families.	Number Sense: 1.3, 2.1, *2.3, 2.5
Activity 71	Use various tools for measuring volume.	Measurement / Geometry: 71

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L72	Recognize addition and subtraction fact families up to 9. Count up to 59.	Number Sense: 1.1, 1.4, 2.1, 2.3, 2.5 Algebra / Functions: 1.2
Activity 72	Use family relationships to group people into sets.	Statistics, Data Analysis, Probability: 1.1, 1.2
L73	Gather information using tally charts.	Number Sense: 1.4, 2.4 Measurement / Geometry: 2.4 Statistics, Data Analysis, Probability: 1.1, 1.2, 2.1 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
Activity 73	Model fact families.	Number Sense: 1.3, 2.1, *2.2, 2.5 Algebra / Functions: 1.1, 1.2, 1.3
L74	Learn subtraction facts of 11: students will count to 69.	Number Sense: 1.1, 1.4, 2.1, 2.5, 2.6
Activity 74	Demonstrate positional words.	Measurement / Geometry: 2.3, 2.4
L75	Sort geometric figures by common attributes.	Measurement / Geometry: 2.1, 2.2
Exercise 7	Draw geometric shapes and describe them in words.	Measurement / Geometry: 2.1
L76	Recognize the days of the week in order.	Measurement / Geometry: *1.2 (days) Statistics, Data Analysis, Probability: 1.1, 1.2
Activity 76	Arrange a series of events in a logical order and tell a story.	Number Sense: *1.4 (events)
L77	Obtain numerical information from a story problem.	Algebra / Functions: 1.1
Activity 77	Find a location based on verbal directions.	Measurement / Geometry: 2.3, 2.4
L78	Use a number line to solve addition problems.	Number Sense: 1.1, 2.1, 2.5 Algebra / Functions: 1.1, 1.2
Activity 78	Create repeating patterns using pictures.	Measurement / Geometry: 2.4 Statistics, Data Analysis, Probability: 2.1
L79	Using number lines to solve subtraction problems	Number Sense: 1.1, 2.5 Algebra / Functions: 1.1, 1.2
Activity 79	Explaining how to get from one point to another on a map	Measurement / Geometry: 2.3
L80	Selecting a number that is less than a given number	Number Sense: 1.2

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L81	Selecting a number that is greater than a given number	Number Sense: 1.1, 1.2, 2.1, 2.5, 3.1 Statistics, Data Analysis, Probability: 2.1 Mathematical Reasoning: 1.1, 1.2
Activity 81	Studying different coin designs	Number Sense: 1.5 Statistics, Data Analysis, Probability: 1.1
L82	Recognizing the words eleven, twelve and thirteen; counting up to 99	Number Sense: 1.1, 1.4, 2.4 Statistics, Data Analysis, Probability: 2.1
Activity 82	Representing numbers in multiple ways	Number Sense: 1.1, 1.3
L83	Measuring a line segment to the nearest centimeter	Number Sense: 2.1 Measurement / Geometry: 1.1
Activity 83	Studying different coins	Number Sense: 1.5
L84	Learning the addition facts of 15, 16, 17 and 18	Number Sense: 2.1, 2.5
Activity 84	Creating coin designs	Number Sense: 1.5
L85	Solving word problems using addition in a number sentence.	Number Sense: 2.5 Algebra / Functions: 1.1, 1.2, *1.3 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
Exercise 8	Write word problems from pictures	Algebra / Functions: 1.1, 1.2, 1.3
L86	Recognizing numbers represented by tens and ones	Number Sense: 1.1, 1.3, 1.4, 2.1, 2.4
Activity 86	Creating mirror images of complex shapes	Measurement / Geometry: 2.1, 2.4
L87	Reading scales measuring volume, temperature and weight	Measurement / Geometry: 1.1
Activity 87	Identifying, describing and creating patterns	Statistics, Data Analysis, Probability: 2.1
L88	Learning the subtraction facts of 12	Number Sense: 1.1, 2.1, 2.2, 2.5 Algebra / Functions: 1.1, 1.2, 1.3
Activity 88	Creating different shapes by adding lines to a drawing	Measurement / Geometry: 2.1, 2.2, 2.4
L89	Calculating value of a number shown as sum or difference of 2 numbers	Number Sense: 1.3, 2.1, 2.5 Algebra / Functions: 1.1, 1.2
Activity 89	Moving objects in a logical manner	Measurement / Geometry: 2.3, 2.4

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L90	Recognizing a number series counting by 1, 5 or 10	Number Sense: 1.1, 2.3, 2.4 Statistics, Data Analysis, Probability: 2.1
L91	Putting 3 numbers in order from least to greatest	Number Sense: 1.2, 2.1
Activity 91	Working with non-standard measurement units	Measurement / Geometry: 1.1
L92	Writing a number sentence from a number line	Number Sense: 2.5 Algebra / Functions: 1.1, 1.2, 1.3
Activity 92	Modeling word problems involving numbers	Algebra / Functions: 1.3 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L93	Learning the subtraction facts of 13	Number Sense: 1.1, 2.1, 2.2, 2.5, 2.6
Activity 93	Finding minor differences between similar images	Measurement / Geometry: 2.2
L94	Recognizing the words fourteen, fifteen, twenty, thirty and forty	Number Sense: 1.1
Activity 94	Creating pie charts to represent the probability of selecting objects	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 3.0
L95	Learning day, week, month, year; naming the twelve months of the year	Measurement / Geometry: *1.2
Exercise 9	Writing days, seasons, months and holidays	Measurement / Geometry: *1.2
L96	Adding a two-digit number and a one-digit number	Number Sense: 1.4, 2.1, 2.5, 2.6
Activity 96	Identifying possible combinations	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1
L97	Adding 2 two-digit numbers, no regrouping	Number Sense: 1.4, 2.1, 2.5, 2.6
Activity 97	Creating shapes by removing lines from a drawing	Measurement / Geometry: 2.1, 2.3
L98	Recognizing the words sixteen, seventeen, eighteen and nineteen	Number Sense: 1.1, 2.1
Activity 98	Acting out patterns of sound and motion from written descriptions	Statistics, Data Analysis, Probability: 2.1
L99	Adding 4 one-digit numbers with a sum less than 20	Number Sense: 2.7

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Activity 99	Representing the intersection of sets with Venn diagrams	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1
L100	Solving word problems using subtraction	Algebra / Functions: 1.1, 1.2, 1.3
L101	Solving word problems using addition and subtraction	Algebra / Functions: 1.1, 1.2
Activity 101	Creating similar shapes using colored pattern blocks	Measurement / Geometry: 101, 2.2 Statistics, Data Analysis, Probability: 1.1
L102	Filling in missing numbers when counting by 10	Number Sense: 1.1, 1.4, 2.3, 2.4 Statistics, Data Analysis, Probability: 2.1
Activity 102	Calculating probability based on information in a Venn diagram	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1
L103	Filling in missing addends in a number sentence	Number Sense: 2.1, 2.5 Algebra / Functions: 1.1, 1.2, 1.3
Activity 103	Changing the appearance of a shape by moving lines	Measurement / Geometry: 2.1, 2.3, 2.4
L104	Filling in missing addends in a number sentence	Number Sense: 2.1, 2.5 Algebra / Functions: 1.1, 1.2
Activity 104	Sorting similar objects and recording differences between them	Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L105	Observing change and determining the order of events	Measurement / Geometry: 2.4 Statistics, Data Analysis, Probability: 1.1, 1.2, 2.1 Mathematical Reasoning: 1.1, 1.2, 2.1
L106	Learning the subtraction facts of 14 and 15	Number Sense: 2.1, 2.2, 2.5, 2.6
Activity 106	Comparing and ranking two 2-digit numbers	Number Sense: 1.2, 1.4
L107	Learning the parts of a fraction and filling in the denominator	Number Sense: 1.1 (fractions) Measurement / Geometry: 2.1
Activity 107	Changing the appearance of a shape by moving lines	Measurement / Geometry: 2.1, 2.3, 2.4
L108	Filling in the denominator of a fraction	Number Sense: 1.1 (fractions) Measurement / Geometry: 2.1

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Activity 108	Identifying all possible orders	Statistics, Data Analysis, Probability: 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L109	Recognizing the words fifty and sixty	Number Sense: 1.1, 1.4, 2.1
Activity 109	Overlaying small pattern blocks onto complex shapes	Measurement / Geometry: 2.1, 2.3, 2.4
L110	Subtracting a one-digit number from a two-digit number	Number Sense: 1.3, 1.4, 2.1, 2.5, 2.6
Exercise 10	Identifying math symbols	Number Sense: 1.2
L111	Subtracting 2 two-digit numbers	Number Sense: 1.4, 2.5, 2.6
Activity 111	Exchanging ones and tens	Number Sense: 1.3, 1.4
L112	Filling in missing numbers when counting by 5	Number Sense: 2.4 Statistics, Data Analysis, Probability: 2.1
Activity 112	Creating shapes by moving lines on a drawing	Measurement / Geometry: 2.1, 2.4
L113	Recognizing the words seventy, eighty and ninety	Number Sense: 1.1, 2.1
Activity 113	Identifying items by process of elimination	Measurement / Geometry: 2.2, 2.4
L114	Adding 4 one-digit numbers with a sum greater than 19	Number Sense: 2.5, 2.7
Activity 114	Writing number words to match the correct numerals	Number Sense: 1.1
L115	Interpreting information given in picture graphs	Statistics, Data Analysis, Probability: 1.2
L116	Learning the subtraction facts of 16, 17 and 18	Number Sense: 2.1, 2.2, 2.5, 2.6
Activity 116	Giving directions to get from one point to another on a map	Measurement / Geometry: 2.3
L117	Filling in missing subtrahends in a number sentence	Number Sense: 2.5 Algebra / Functions: 1.1, 1.2, 1.3
Activity 117	Calculating sums and differences for pairs of numbers	Number Sense: 1.3, 2.1, 2.5
L118	Recognizing any number word less than 100	Number Sense: 1.1, 2.1
Activity 118	Adding numbers and moving game pieces based on calculations	Number Sense: 2.1, 2.5

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L119	Filling in the numerator of a fraction	Number Sense: 1.1 (fractions) Measurement / Geometry: 2.1
Activity 119	Overlaying small pattern blocks onto complex shapes	Measurement / Geometry: 2.1, 2.4
L120	Gathering information to put into graphs	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
Exercise 11	Writing weather facts, quantitative and qualitative	Statistics, Data Analysis, Probability: *1.1, 1.2 Mathematical Reasoning: 1.1, 1.2
L121	Recognizing the < less than, > greater than and = equal to symbols	Number Sense: 1.2
Activity 121	Creating shapes by removing lines from a drawing	Measurement / Geometry: 2.1, 2.4
L 122	Adding 2 two-digit numbers horizontally	Number Sense: 2.5, 2.6
Activity 122	Drawing lines of symmetry on letters	Measurement / Geometry: 2.2, 2.4 (symmetry)
L123	Subtracting 2 two-digit numbers horizontally	Number Sense: 2.5, 2.6
Activity 123	Combining numbers to form true number sentences	Number Sense: 1.3, 2.1 Algebra / Functions: 1.1, 1.2, 1.3
L124	Recognizing a number series counting by even twos	Number Sense: 1.1, 2.4 Statistics, Data Analysis, Probability: 2.1
Activity 124	Creating animal figures using pattern blocks	Measurement / Geometry: 2.1, 2.4
L125	Reasoning using overlapping figures	Measurement / Geometry: 2.1, 2.3, 2.4
L126	Calculating a number one more or one less than a given number	Number Sense: 2.1, 2.3
Activity 126	Finding basic shapes within complex figures	Measurement / Geometry: 2.1, 2.3, 2.4
L127	Recognizing basic fact families with sums of 10 and greater	Number Sense: 1.3, 2.1, 2.5 Algebra / Functions: 1.1, 1.2
Activity 127	Subtracting repeatedly from 90 to zero	Number Sense: 2.1, 2.5, 2.6
L128	Finding the fractional part of a group of figures	Number Sense: 1.1, 2.1 Measurement / Geometry: 2.1, 2.2

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Activity 128	Identifying coins by their size and characteristics	Number Sense: 1.5 Measurement / Geometry: 2.1, 2.2
L129	Calculating a number ten more or ten less than a given number	Number Sense: 2.3, 2.5, 2.6
Activity 129	Creating tile designs using pattern blocks	Measurement / Geometry: 2.1, 2.4
L130	Counting past 100	Number Sense: 1.1, 1.4, 2.4
Exercise 12	Graphing information in different ways	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2
L131	Recognizing odd and even numbers up to 10	Number Sense: 1.1, 1.2 Algebra / Functions: 1.1
Activity 131	Matching numbers that are 1 apart and those that are 10 apart	Number Sense: 1.1, 2.3
L132	Recognizing and writing the ordinals first through tenth	Number Sense: *1.1, *1.2 (ordinals)
Activity 132	Creating numerals using limbs	Number Sense: 1.3
L133	Recognizing a number series counting by odd twos	Number Sense: 1.1, 1.2, 2.4 Statistics, Data Analysis, Probability: 2.1
Activity 133	Creating shapes by removing lines from a drawing	Measurement / Geometry: 2.1, 2.4
L134	Estimating answers	Number Sense: 3.1 Measurement / Geometry: 1.1 Statistics, Data Analysis, Probability: 1.2
Activity 134	Writing fractions that represent sets shown in Venn diagrams	Number Sense: 1.3 (fractions), 2.7 Algebra / Functions: 1.3 Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L135	Identifying and drawing lines, sides, angles, corners and vertices	Measurement / Geometry: 2.1, 2.2
L136	Adding a two-digit number and a one-digit number horizontally	Number Sense: 2.5, 2.6
Activity 136	Comparing weight of different packages; creating and analyzing graphs	Measurement / Geometry: 1.1

California 1st Grade Standards / Excel Math Correlation by Lesson Number

Lesson (Activity) Number	Excel Math Lesson Objective	California Standard / Objective
L137	Subtracting a one-digit number from a two-digit number horizontally	Number Sense: 2.5, 2.6
Activity 137	Sorting capital letters according to curved and straight lines	Statistics, Data Analysis, Probability: 1.1
L138	Telling time by 5 minutes, given the hour	Measurement / Geometry: 1.2
Activity 138	Estimating the amount of time activities will take	Number Sense: 3.1 (time) Measurement / Geometry: 1.2
L139	Identifying coins that add to a given amount	Number Sense: 1.5
Activity 139	Arranging a sequence of events in pictorial form	Number Sense: 1.4 (events) Statistics, Data Analysis, Probability: 2.1
L140	Recognizing flips, slides and turns	Measurement / Geometry: 2.1, 2.4
L141	Filling in a missing number on one side of a number sentence	Number Sense: 2.1, 2.5 Algebra / Functions: 1.1, 1.2, 1.3
Activity 141	Creating a virtual picture chart	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L142	Adding 3 one-digit numbers horizontally	Number Sense: 2.1, 2.5 Algebra / Functions: 1.1, 1.2
Activity 142	Determining the best type of chart to use to display information	Statistics, Data Analysis, Probability: 1.1, 1.2 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L143	Estimating how much time events take; identifying least or most time	Number Sense: 2.1, 3.0 (time) Measurement / Geometry: 1.2 (events) Statistics, Data Analysis, Probability: 1.2
Activity 143	Sorting clocks according to the times they show	Number Sense: 1.2 (time) Measurement / Geometry: 1.2, 2.4
L144	Filling in missing numbers when counting up by twos	Number Sense: 1.1, 2.4 Statistics, Data Analysis, Probability: 2.1
Activity 144	Calculating maximum number of coins that can be used to give change	Number Sense: 1.5
L145	Following directions to get to a location	Measurement / Geometry: 2.3

**California 1st Grade Standards /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	California Standard / Objective
L146	Regrouping when adding a two-digit and one-digit number using a number line	Number Sense: 2.1, 2.5, 2.6
Activity 146	Solving logic puzzles and rewriting puzzles so that the answer is true	Mathematical Reasoning: 1.1, 1.2, 2.1
L147	Regrouping when adding a two-digit and one-digit number	Number Sense: 1.4, 2.1, 2.5, 2.6
Activity 147	Classifying images by their characteristics	Measurement / Geometry: 2.2 Statistics, Data Analysis, Probability: 1.1
L148	Filling in the numerator and the denominator of a fraction	Number Sense: 1.1 Measurement / Geometry: 2.1
Activity 148	Drawing geometric shapes from a verbal description of the shape	Measurement / Geometry: 2.1, 2.2
L149	Adding 3 one-digit numbers with a sum greater than 19	Number Sense: 2.1, 2.7
Activity 149	Solving logic puzzles and rewriting puzzles so that the answer is true	Mathematical Reasoning: 1.1, 1.2, 2.1
L150	Recognizing and naming solid shapes	Measurement / Geometry: 2.1, 2.2
L151	Identifying solid shapes	Measurement / Geometry: 2.1, 2.2
Activity 151	Solving logic puzzles by trial and error	Algebra / Functions: 1.1, 1.2, 1.3 Mathematical Reasoning: 1.1, 1.2, 2.1, 2.2, 3.0
L152	Telling time by 5 minutes	Measurement / Geometry: 1.2
Activity 152	Creating similar shapes using colored pattern blocks	Measurement / Geometry: 2.1, 2.4 Statistics, Data Analysis, Probability: 2.1
L153	Drawing lines of symmetry	Measurement / Geometry: 2.4 (symmetry)
Activity 153	Creating shapes by removing lines from a drawing	Measurement / Geometry: 2.1, 2.4
L154	Using the dollar symbol and decimal; recognizing dollar coins and bills	Number Sense: 1.1, 1.5
Activity 154	Completing a pattern of shapes	Measurement / Geometry: 2.1, 2.4 Statistics, Data Analysis, Probability: 2.1



**California 1st Grade Standards /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	California Standard / Objective
L155	Adding and subtracting fractions	Number Sense: 1.3 (fractions), 2.1, 2.5 Algebra / Functions: 1.1, 1.2, 1.3

Standards / Objectives	<i>Excel Math</i> Lesson Numbers	Activity Numbers
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NUMBER SENSE		
1. Students understand and use numbers up to 100.		
1.1 Count, read and write whole numbers to 100	1, 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 28, 29, 30, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 43, 46, 47, 49, 51, 52, 54, 57, 60, 61, 63, 64, 67, 69, 70, 72, 74, 78, 79, 81, 82, 86, 88, 90, 93, 94, 98, 102, 109, 113, 118, 124, 130, 131, 133, 144, 154 Ordinals: 59, 132 Fractions: 107, 108, 119, 128, 148	2, 3, 4, 46, 47, 82, 114, 131 Exercises: 1, 2, 4, 6
1.2 Compare and order whole numbers to 100 using the symbols for less than, equal to, or greater than (<, =, >)	7, *52, *53, 80, 81, 91, 121 Odd / Even: 131, 133	11, 12, 106, Time: 143 Exercise: 10
1.3 Represent equivalent forms of the same number through the use of physical models, diagrams and number expressions (to 20)(e.g., 8 can be represented as 4 + 4, 5 + 3, 2 + 2 + 2 + 2, 10 - 2, 11 - 3)	14, 31, *48, 71, 86, 89, 110, 127 Fractions: 155	27, 73, 82, 111, 117, 123, 132 Fractions: 134
1.4 Count and group objects into ones and tens (e.g., 3 groups of ten and 4 more is 34 or 30 + 4)	51, 63, 69, 72, 73, 74, 82, 86, 96, 97, 102, 109, 110, 111, 130, 147	2, 4, 106, 111 Order Events: 44, 76, 139
1.5 Identify and know the value of coins and show different combinations of coins that equal the same value	23, 29, 51, 68, 139, 154	68, 81, 83, 84, 128, 144
2. Students demonstrate the meaning of addition and subtraction and use these operations to solve problems.		
2.1 Know the addition facts (sums to 20) and the corresponding subtraction facts, and commit them to memory	15, 18, 22, 29, 31, 33, 35, 36, 37, 38, 39, 41, 42, 43, 44, 46, 54, 56, 58, 61, 63, 66, 68, 70, 71, 72, 74, 78, 80, 81, 83, 84, 86, 88, 89, 91, 93, 96, 97, 98, 103, 104, 106, 109, 110, 113, 116, 118, 126, 127, 128, 141, 142, 143, 146, 147, 149, 155	18, 27, 31, 58, 67, 73, 117, 118, 123, 127
2.2 Use the inverse relationship between addition and subtraction to solve problems	88, 93, 106, 116	33, *73

Standards / Objectives	Excel Math Lesson Numbers	Activity Numbers
2.3 Identify one more than, one less than, ten more than, ten less than a given number	*5, *10, *17, *19, 28, *31, 34, *71, 72, 90, 102, 126, 129	131 Exercise: 1
2.4 Count by 2s, 5s and 10s with numbers to 100	73, 82, 86, 90, 102, 112, 124, 130, 133, 144	
2.5 Show the meaning of addition (putting together, increasing) and subtraction (taking away, comparing, finding the difference)	14, 15, 18, 22, 29, 30, 31, 32, 35, 37, 38, 39, 41, 43, 44, 48, 51, 53, 54, 58, 70, 71, 72, 74, 78, 79, 81, 84, 85, 88, 89, 92, 93, 96, 97, 103, 104, 106, 110, 111, 114, 116, 117, 122, 123, 127, 129, 136, 137, 141, 142, 146, 147, 155	18, 31, 33, 58, 67, 73, 117, 118, 127
2.6 Solve addition and subtraction problems with one- and two-digit numbers (e.g., $5 + 58 = \underline{\quad}$)	48, 49, 74, 93, 96, 97, 106, 110, 111, 116, 122, 123, 129, 136, 137, 146, 147	33, 127
2.7 Find the sum of three one-digit numbers	32, 64, 99, 114, 149	134
3. Students use estimation strategies in computation and problem solving that involve numbers that use the ones, tens, and hundreds places.		
3.1 Make reasonable estimates when comparing larger or smaller numbers	11, 12, 52, 53, 81, 134 Estimate Time: 143	29, 41 Estimate Time: 138
ALGEBRA AND FUNCTIONS		
1. Students use number sentences to solve problems.		
1.1 Write and solve number sentences from problem situations that express relationships involving addition and subtraction	45, 57, 66, 67, 77, 78, 79, 85, 88, 89, 92, 100, 101, 103, 104, 117, 127, 131, 141, 142, 155	62, 73, 123, 151 Exercise: 8
1.2 Understand the meaning of the symbols +, -, =	31, 32, 38, 39, 45, 57, 60, 66, 67, 72, 78, 79, 85, 88, 89, 92, 100, 101, 103, 104, 117, 127, 141, 142, 155	73, 123, 151 Exercise: 8
1.3 Create problem situations that could lead to given number sentences involving addition and subtraction	45, 57, 66, 67, *85, 88, 92, 100, 103, 117, 141, 155	58, 73, 92, 123, 134, 151 Exercise: 8

Standards / Objectives	<i>Excel Math</i> Lesson Numbers	Activity Numbers
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MEASUREMENT AND GEOMETRY		
1. Students use direct comparison and non-standard units to describe the measurements of objects.		
1.1 Compare the length, weight and volume of two or more objects using direct comparison or a non-standard unit	50, *56, 83, 87, 134	13, 14, 21, 24, 32, 39, 43, 48, 52, 53, 56, 63, 69, 71, 91, 136 Temperature: 42 Exercise: 5
1.2 Tell time to the nearest half hour and compare time related to events (e.g., before/after, shorter/longer)	26, 27, 62, 138, 152 Days: 76, 95 Events: 143	138, 143 Days: Exercise: 9
2. Students identify common geometric figures, classify them by common attributes and describe their relative position/or their location in space.		
2.1 Identify, describe, and compare triangles, rectangles, squares and circles, including the faces of three-dimensional objects	8, 9, 25, 65, 75, 107, 108, 119, 125, 128, 135, 140, 148, 150, 151	7, 8, 19, 26, 28, 49, 51, 57, 61, 64, 86, 88, 97, 101, 103, 107, 109, 112, 119, 121, 124, 126, 128, 129, 133, 140, 148, 152, 153, 154 Exercise: 3, 4, 7
2.2 Classify familiar plane and solid objects by common attributes like color, position, shape, size, roundness, number of corners and explain which attributes are being used for classification	9, 65, 75, 128, 135, 150, 151	2, 4, 7, 16, 17, 26, 34, 37, 39, 57, 61, 88, 93, 101, 104, 113, 122, 128, 147, 148
2.3 Give and follow directions about location	125, 145 (map)	64, 74, 77, 79, 89, 97, 103, 107, 109, 116, 126
2.4 Describe and arrange objects in space in terms of proximity, position and direction (e.g., near, far, below, above, up, down, behind, in front of, next to, left/right)	20, 73, 105, 125 Symmetry: 153 Flip/Slides/Turns: 140	*8, 20, 28, 36, 38, 57, 61, 69, 74, 77, 78, 86, 88, 89, 103, 107, 109, 112, 113, 119, 121, 124, 126, 129, 133, 143, 152, 153, 154 Symmetry: 122

Standards / Objectives	Excel Math Lesson Numbers	Activity Numbers
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STATISTICS, DATA ANALYSIS AND PROBABILITY		
1. Students organize, represent and compare categorical data on simple graphs and charts.		
1.1 Sort objects and data by common attributes and describe the groups formed using categorical labels	55, 65, 73, 76, 105, 120	2, 4, 13, 14, 16, 17, 32, 34, 37, 39, 54, 66, 72, 81, 94, 96, 99, 101, 102, 104, 134, 137, 141, 142, 147 Exercise: *11, 12
1.2 Represent and compare data (e.g., largest, smallest, most often, least often), using pictures, bar graphs, tally charts and picture graphs	*11, *12, 73, 76, 105, 115, 120, 134 Probability: 55	13, 14, 32, 39, 42, 53, 54, 66, 67, 72, 94, 96, 99, 102, 108, 134, 141, 142, 143 Exercise: *11, 12
2. Students sort objects, and create and describe patterns involving numbers, shape, size, rhythm, or color.		
2.1 Describe, extend and explain how to get to the next element in simple repeating patterns (e.g., rhythmic, numeric, color and shape patterns)	5, 10, 17, 19, 25, 36, 40, 42, 54, 73, 81, 82, 90, 102, 105, 112, 124, 133, 144	6, 8, 9, 19, 22, 23, 51, 56, 57, 59, 78, 87, 98, 152, 154 Order Events: 44, 76, 139 Order: 108, 139
MATHEMATICAL REASONING		
1. Students make decisions about how to set up a problem.		
1.1 Decide about the approach, materials and strategies to use	73, 81, 85, 88, 105, 120	13, 14, 32, 42, 53, 66, 92, 94, 96, 99, 102, 108, 134, 141, 142, 146, 149, 151 Exercise; 11, 12
1.2 Use tools such as manipulatives or sketches to model problems	73, 81, 85, 88, 105, 120	13, 14, 32, 42, 53, 66, 92, 94, 96, 99, 102, 108, 134, 141, 142, 146, 149, 151 Exercise; 11, 12
2. Students solve problems and justify their reasoning.		
2.1 Explain the reasoning used and justify the procedures selected	73, 85, 105, 120	13, 14, 32, 42, 53, 66, 92, 94, 96, 99, 102, 108, 134, 141, 142, 146, 149, 151
2.2 Make precise calculations and check the validity of the results from the context of the problem	73, 85, 120	13, 14, 32, 42, 53, 92, 108, 134, 141, 142, 151
3. Students note connections between one problem and another.	73, 85, 120	13, 14, 32, 42, 53, 66, 92, 94, 108, 134, 141, 142, 151