



**Texas Kindergarten TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
L1	Recognizing and using position words: above, below, top, bottom, over, under	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6D
L2	Describing objects in the environment; recognizing position words beside, in front of, behind and next to; Opt. time words: morning, afternoon, evening and night; days of the week	Mathematical Process Standards: K.1A, B, C, D, E, F, G
L3	Recognizing and using position words: beside, in front of, behind and next to; Opt. left, right, between and middle	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6D
L4	Recognizing and using terms: above, below, beside, in front of, behind, and next to; Opt. left and right	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6A, D
L5	Comparing two items with a measurable attribute in common; identifying which of 3 items is different from others in the set	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2G; Geometry and Measurement: K.6D
Exercise 1	Comparing two items with a measurable attribute in common; recognizing and using position words: inside, outside, on, off	Numbers and Operations: K.2A, B, I
L6	Comparing two items with a measurable attribute in common; recognizing and using time words: before and after	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6A, B, C, D, E
L7	Learning the concept of 1 and 2, saying the names in order	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6C, D
L8	Describing objects in the environment using names of shapes and their relative positions; using the terms above, below, beside, in front of, behind, and next to; Opt. recognizing left and right and moving in those directions when asked	Numbers and Operations: K.2A, B, C, D, E, F, I
L9	Learning the concept of 3 and understanding that the last number name said tells the number of objects counted	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6A, B, C, D, E
L10	Recognizing the shape of numerals 0, 1, 2, 3, 4, 5	Numbers and Operations: K.2A, B, C, D, E, F, I; Geometry and Measurement: K.6A
Exercise 2	Recognizing the shape of numerals 0, 1, 2, 3, 4, 5	Numbers and Operations: K.2A, B
L11	Describing several measurable attributes of a single object and recognizing measurement words: taller, shorter, same height	Numbers and Operations: K.2G; Geometry and Measurement: K.6E; Geometry and Measurement: K.7A, B
L12	Noticing repetitive actions in geometry, counting, and comparing; copying a pattern of shapes	Numbers and Operations: K.2A, C, D, G



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Activity 12	Creating shapes with string	Mathematical Process Standards: K.1A, D, G; Geometry and Measurement: K.6A, D
L13	Noticing repetitive actions in geometry and comparing; copying a pattern of hand motions using cards with 2 colors and letters	Numbers and Operations: K.2D, G; Geometry and Measurement: K.6A, E, F
L14	Comparing two objects with a measurable attribute in common; identifying which of 3 items is unique	Numbers and Operations: K.2G; Geometry and Measurement: K.7B
L15	Learning the concept of 4, saying the number names in order, pairing each object with one number name	Numbers and Operations: K.2A, B, C, D, E, F, I; Algebraic Reasoning: K.5
Exercise 3	Counting and showing numbers 0-5 with fingers; connecting counting to cardinality	Numbers and Operations: K.2A, B, C, D; Algebraic Reasoning: K.5
L16	Circling 1 to 4 items in a set; understanding that the last number name said tells the number of objects counted; the number of objects is the same regardless of their arrangement or the order in which they were counted	Numbers and Operations: K.2A, B, C, D, E, I Algebraic Reasoning: K.5
L17	Counting objects in a set; sorting shapes based on similar characteristics; classifying, counting and sorting objects by count	Numbers and Operations: K.2A, G; Geometry and Measurement: K.6A, E
L18	Comparing two objects with a measurable attribute in common; Opt. repeating a pattern of postures or body movements	Numbers and Operations: K.2D, G; Geometry and Measurement: K.7A, B
L19	Comparing pairs of lines of different lengths; describing measurable attributes of objects, such as length	Geometry and Measurement: K.7A, B
L20	Learning the concept of 5 and saying the number names in order when counting, pairing each object with one number name	Numbers and Operations: K.2A, B, C, D, E, I Algebraic Reasoning: K.5
Exercise 4	Coloring by numbers	Numbers and Operations: K.2B
L21	Identifying a set with the most items by using matching and counting strategies	Numbers and Operations: K.2E, G
L22	Classifying, sorting and counting objects; circling an object that does not belong in a set	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, C, G; Geometry and Measurement: K.7B
Activity 22	Comparing attributes of shapes in the environment: length and size	Geometry and Measurement: K.6E; K.7A, B
L23	Circling an item that is different; comparing objects with a measurable attribute in common	Numbers and Operations: K.2G; Geometry and Measurement: K.7B



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L24	Recognizing items that are taller, shorter and same height; identifying objects correctly	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2G; Geometry and Measurement: K.7A, B
L25	Learning the concept of 0; writing numbers from 0 to 3 and recognizing numerals 0-3	Numbers and Operations: K.2A, B, C, D, E, I
Exercise 5	Numbering shapes from smallest to largest; numbering vertices/corners on a shape	Numbers and Operations: K.2B, G; Geometry and Measurement: K.6A
L26	Identifying a set with the least or fewest items	Numbers and Operations: K.2A, G
L27	Describing objects and their relative positions using terms: behind, in front of, beside, next to; Opt. recognizing ordinals first through third	Numbers and Operations: K.2A, C, D; Geometry and Measurement: K.6 E
L28	Matching numerals 0-5 with pictures of 0-5 objects; saying the number names in order, pairing each object with one number name	Numbers and Operations: K.2A, B, C, D, E, I; Algebraic Reasoning: K.5
L29	Using the position words before and after, in front and behind in stories	Mathematical Process Standards: K.1A, B, C, D, E, F, G Geometry and Measurement: K.6C, D, E
L30	Learning the concept of 6; understanding the relationship between numbers and quantities and connecting counting to cardinality.	Numbers and Operations: K.2A, B, C, D, E; Algebraic Reasoning: K.5
Activity 30	Classifying, sorting and counting pictures	Numbers and Operations: K.2A, B, C, D, G; Geometry and Measurement: K.6E
L31	Matching a set of objects to a set with an equal number of objects	Numbers and Operations: K.2A, C, D, G
L32	Circling the same number of objects as members in a given set	Numbers and Operations: K.2A, C, D, E, G
L33	Drawing the same number of objects as members in a given set	Numbers and Operations: K.2A, C, D, E, G
Activity 33	Finger painting numerals 1 to 6	Numbers and Operations: K.2B
L34	Comparing objects that are lighter, heavier or the same weight; recognizing measurement words: heavier, lighter and same weight	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.2G; Geometry and Measurement: K.7A, B; Data Analysis: K.8A, B, C
L35	Creating picture graphs	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Data Analysis: K.8A, B, C
Exercise 6	Finding a path counting up from 0 to 6	Numbers and Operations: K.2A, B
L36	Identifying a set with the most items	Numbers and Operations: K.2A, C, D, G
L37	Identifying a set with the fewest items	Numbers and Operations: K.2A, C, D, G
Activity 37	Playing hopscotch to identify numbers 0 - 6 (optional 7 - 19)	Numbers and Operations: K.2A, B; Algebraic Reasoning: K.5



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L38	Generating a set using concrete and pictorial models that represents a number that is more than, less than or equal to 1-20	Numbers and Operations: K.2A, C, E, F; K.3A, B, C
Activity 38	Copying a pattern of rhythm and motions using cards with 3 colors and letters	Numbers and Operations: K.2D
L39	Arranging strips of paper by length	Geometry and Measurement: K.6A, D, F; K.7A, B
L40	Learning the concept of 7	Numbers and Operations: K.2A, B, C, D, E, I; Algebraic Reasoning: K.5
Exercise 7	Writing numbers 0 - 9 and representing a number of objects with numbers 0 - 9; creating and interacting with number lines	Numbers and Operations: K.2A, B, C, D, H, I
L41	Noticing repetitive actions in geometry, counting and comparing; copying patterns of cards with 3 colors and letters	Numbers and Operations: K.2C, D
A41	Identifying attributes of two-dimensional shapes	Numbers and Operations: K.2B, D; Geometry and Measurement: K.6D
L42	Adding one to a set of objects to make it equal with another set	Numbers and Operations: K.2A, C, D, E, F, G; K.3A, B, C
L43	Identifying circles, squares, rectangles and ovals by sight and feel; comparing 2- and 3-dimensional shapes in different sizes	Geometry and Measurement: K.6A, D, E, F
Activity 43	Filling larger containers using smaller containers of varying sizes	Mathematical Process Standards: K.1A, B, C, D, E, F, G Geometry and Measurement: K.7A, B
L44	Matching numerals 0-7 with pictures of 0-7 objects	Numbers and Operations: K.2A, B, C, D, E, F, H; Algebraic Reasoning: K.5
L45	Learning the concept of 8; recognizing the spoken word eight and matching it with 8 claps or objects	Numbers and Operations: K.2A, B, C, D, E, I
Exercise 8	Identify attributes of two-dimensional shapes; locating and coloring geometric shapes to make a pattern; naming shapes	Geometry and Measurement: K.6A, D, E, F
L46	Comparing two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2G, H; Geometry and Measurement: K.7A, B
Activity 46	Generating a number that is one less than another number up to at least 9	Numbers and Operations: K.2A, B, F
L47	Learning that each successive number name refers to a quantity that is one larger; making a set with one more than a given number	Numbers and Operations: K.2A, C, E, F
L48	Identifying attributes of circles, squares, triangles, rectangles, diamonds (rhombus) and ovals (ellipse)	Geometry and Measurement: K.6A, D, E, F
L49	Adding one to a set of objects to make it equal with another set	Numbers and Operations: K.2A, C, D, E, G; K.3A, B, C



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L50	Learning the concept of 9; recognizing the spoken word nine and matching it with 9 claps or objects	Numbers and Operations: K.2A, B, C, D, E, I; Algebraic Reasoning: K.5
Exercise 9	Following geometric shapes through a maze; classifying objects into categories and counting the number in each category	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.2B; Algebraic Reasoning: K.5; Geometry and Measurement: K.6A, E
L51	Selecting an item that best fits with a given set	Numbers and Operations: K.2A, G; Geometry and Measurement: K.6E
L52	Selecting a set with the most or fewest items; counting the number of objects in each category and sorting the categories by count	Numbers and Operations: K.2A, C, E, G; Geometry and Measurement: K.6E
Activity 52	Counting 0 - 6 items	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.2A, B, C, D, E, F, G, I; K.3A, B, C
L53	Classifying objects by category, counting them and sorting the categories by count; Opt. learning the days of the week in order	Numbers and Operations: K.2A, C, D, G; Geometry and Measurement: K.6E
L54	Describing measurable attributes of objects, including height; comparing measures of volume with non-standard units	Geometry and Measurement: K.7A, B; Data Analysis: K.8A, B, C
L55	Selecting a set with the most or fewest items; drawing an object for each item of a set	Numbers and Operations: K.2A, C, E, G
L56	Creating a set with one more item than a given set; writing numbers from 0 – 9	Numbers and Operations: K.2A, C, F, G
L57	Comparing two numbers between 1 and 9 presented as written numerals; Opt. comparing the time needed to do activities: less time, more time, the same time; recognizing and using time words	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.2A, C, D, G, H
L58	Understanding the relationship between counting and cardinality; circling a group of items equal to a given number	Numbers and Operations: K.2A, B, C, D, I; Geometry and Measurement: K.6A, D
L59	Identifying whether the number of objects in one group is greater than, less than or equal to the number in another group; Opt. recognizing and using ordinals first through fifth	Numbers and Operations: K.2A, C, E
L60	Learning the concept of 10; recognizing the spoken word ten and matching it with 10 claps or objects	Numbers and Operations: K.2A, B, C, D, E, I
Exercise 10	Reviewing the terms behind, in front of, next to and beside; Opt. finding positions using ordinals and number lines	Geometry and Measurement: K.6D Geometry and Measurement: K.6



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L61	Recognizing attributes of shapes: sides, vertices/corners, inside, outside and curves	Numbers and Operations: K.2I Geometry and Measurement: K.6A, D; K.7A, B
Activity 61	Counting 0 - 7 items; finding the number that makes 10 when added to the given number	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.2A, B, C, D, E, F, I; K.3A, B, C
L62	Combining two groups to a total of 5	Numbers and Operations: K.2A, B, C, D, E, F, I; K.3A, B, C
L63	Selecting a choice out of 3 options, given 2 clues	Geometry and Measurement: K.7A, B
L64	Creating story problems that add to 5	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.2A, B, C, D, I; K.3A, B, C
L65	Learning the concept of 11	Numbers and Operations: K.2A, B, C, D, E, I; Algebraic Reasoning: K.5
Exercise 11	Finding a path counting up and down by 1s and 10s (opt. counting by 2s)	Numbers and Operations: K.2A, B, F; Algebraic Reasoning: K.5
L66	Identifying objects with common characteristics	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, G; Geometry and Measurement: K.6B, C; K.7A, B
L67	Recognizing pennies and using the cents symbol, distinguishing between wants and needs, identifying income as a source to meet one's wants and needs	Numbers and Operations: K.2A, B, C, D; K.4; Algebraic Reasoning: K.5; Personal Financial Literacy: K.9A, D
L68	Circling an item that shares the characteristics of a given set	Numbers and Operations: K.2A, B, G; Algebraic Reasoning: K.5; Geometry and Measurement: K.7A, B
L69	Completing a sequence of numerals to 12 when one is missing	Numbers and Operations: K.2A, B, F; Algebraic Reasoning: K.5
L70	Creating story problems that add to 5	Mathematical Process Standards: K.1A, B, C, D, F,G; Numbers and Operations: K.2A, B, C, D, F, I; K.3A, B, C
Exercise 12	Reciting numbers up to at least 90 by ones and 10s; finding a path counting up and down 0-20 by 2s and 0-25 by 5s	Numbers and Operations: K.2A, B, F; Algebraic Reasoning: K.5
L71	Calculating the total when 1 is added to a given set	Numbers and Operations: K.2A, B, C, D, E, F, I; K.3A, B, C; Algebraic Reasoning: K.5
Activity 71	Counting to answer "how many" about as many as 11 things arranged in an array or as many as 10 scattered items	Numbers and Operations: K.2A, C, D
L72	Counting a set of objects up to at least 20; copying a pattern of pictures	Numbers and Operations: K.2A, C, E, F, G



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L73	Describing measurable attributes of objects; keeping track of time: clocks (less than a day) and calendars (more than a day)	Numbers and Operations: K.2A, B; Geometry and Measurement: K.7A, B
L74	Representing whole numbers from 1 to 3 with and without objects; putting things in order; using position words: first, next and last	Numbers and Operations: K.2A, B, C, D; Algebraic Reasoning: K.5
L75	Saying the number names in the standard order; Opt. recognizing and using ordinals sixth through tenth	Numbers and Operations: K.2A, B, C; Algebraic Reasoning: K.5
Exercise 13	Estimating and comparing objects without counting or measuring; distinguishing letters from numbers	Geometry and Measurement: K.7A, B
L76	Identifying attributes/characteristics of two-dimensional shapes	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, G; Geometry and Measurement: K.7B
L77	Describing measurable attributes of objects, classifying objects into categories; recognizing and adding pennies and nickels	Numbers and Operations: K.2A, B, C, D; K.4; Algebraic Reasoning: K.5; Geometry and Measurement: K.6D, E
L78	Counting forward and backward to at least 20 with and without objects; Opt. telling time on the hour using an analog clock	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, F
L79	Describing measurable attributes of an object such as length or weight; Opt. identifying a choice by asking yes or no questions	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.7A, B
L80	Learning the concept of 12; the word: dozen	Numbers and Operations: K.2A, B, C, D, E, I
L81	Composing and decomposing numbers up to 10 with objects and pictures; creating story problems that add to 5	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, E, F, I; K.3A, B, C
Activity 81	Representing addition with objects, drawings, acting out situations, expressions or equations	Numbers and Operations: K.2A, B, C, D, E, G, I; K.3A, B, C
L82	Counting a set of objects up to at least 20; Opt. telling time with a clock and telling time with a calendar	Numbers and Operations: K.2A, B, C, D, E, F, I; Algebraic Reasoning: K.5
L83	Classifying and sorting a variety of two and three-dimensional figures; Opt. telling time on the hour using a digital clock	Geometry and Measurement: K.6A, B, C, D, E, F; K.7B
L84	Comparing containers of different capacities (volumes)	Geometry and Measurement: K.7A, B
L85	Composing and decomposing numbers up to 10 with objects and pictures; combining two groups to a total of 6	Numbers and Operations: K.2D, E, F, I; K.3A, B, C



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Exercise 14	Counting forward and backward to at least 20 with and without objects; Opt. finding a given number on a number line	Numbers and Operations: K.2A, B, F, H*
L86	Creating story problems that add to 6	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, E, I; K.3A, B, C; Algebraic Reasoning: K.5
L87	Counting forward and backward to 20; putting things in order; time words yesterday, today and tomorrow; Opt. days of the week	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, C, F, I
L88	Counting forward and backward to at least 20 with and without objects; Opt. naming the months and the seasons in order	Numbers and Operations: K.2A, B, C, F, I
L89	Writing number 0 - 6; representing a number of objects with a written numeral; Opt. recognizing number words: zero to ten	Numbers and Operations: K.2A, B, C, D, E, G, H, I; Algebraic Reasoning: K.5
L90	Learning the concept of 13	Numbers and Operations: K.2A, B, C, D, E, I; Algebraic Reasoning: K.5
Activity 90	Determining the lesser value in a pair of numerals	Numbers and Operations: K.2B, H
Exercise 15	Identifying attributes of shapes using: side, vertex/corner, edge and curve	Geometry and Measurement: K.6A, B, C, D, E, F
L91	Completing a sequence to 12 when one or two are missing; Opt. using a number line	Numbers and Operations: K.2A, B, F; Algebraic Reasoning: K.5
L92	Naming shapes correctly regardless of their orientations or overall size; Opt. drawing lines of symmetry	Geometry and Measurement: K.6A, D
L93	Determining the number of items remaining when one or two are removed	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2F, I; K.3A, B, C
L94	Measuring weight with non-standard units	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.7A, B; Data Analysis: K.8A, B, C
L95	Learning the concept of 14	Numbers and Operations: K.2A, B, C, D, I
Exercise 16	Identifying geometric shapes of common objects	Geometry and Measurement: K.6A, B, C, D, E, F
L96	Selecting a set that has one less than a given set	Numbers and Operations: K.2A, B, C, D, E, F, G, I; K.3A, B, C



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L97	Creating story problems that subtract from 5	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, E, F, I; K.3A, B, C
L98	Reading, writing, and representing whole numbers from 0 to at least 20; Opt. number words: zero to ten	Numbers and Operations: K.2A, B, C, D, E, G, H, I
Activity 98	Creating numerals out of common textured materials	Numbers and Operations: K.2B
L99	Creating story problems that add to 7; commutative property of addition	Numbers and Operations: K.2A, B, C, D, E, I; K.3A, B, C
L100	Counting forward and backward to at least 15 with and without objects;	Numbers and Operations: K.2A, B, C, D, E, I; Algebraic Reasoning: K.5
Exercise 17	Navigating a maze and naming the geometric shapes used to create the maze; listing simple skills required for jobs	Geometry and Measurement: K.6A, D, E; Personal Financial Literacy: K.9C
L101	Completing a sequence to 12 when one or two are missing at the beginning	Numbers and Operations: K.2A, B, F
L102	Counting to answer “how many?” about as many as 16 things in a rectangular array; using pennies or nickels to pay for items	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, E, F, I; K.3A, B, C; K.4; Personal Financial Literacy: K.9A, B
L103	Creating story problems that add to 8	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, I; K.3A, B, C
L104	Classifying objects by category, counting them and sorting the categories by count; Opt. creating circle graphs, discussing probability	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, G; Geometry and Measurement: K.6; Data Analysis: K.8A, B, C
L105	Learning the concept of 16	Numbers and Operations: K.2A, B, C, D, E, I
L106	Creating story problems that subtract from 6	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, E, G, I; K.3A, B, C
Activity 106	Composing simple shapes to form larger shapes	Geometry and Measurement: K.6A, D, E, F
L107	Writing numbers from 0 to 20 and representing objects with a written numeral 0-20; using pennies or nickels to pay for items; differentiating between money received as income and money received as gifts	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, G, I; Numbers and Operations: K.4; Personal Financial Literacy: K.9A, B, D



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L108	Comparing two numbers between 1 and 10 presented as written numerals; Opt. recognizing number words: zero to ten	Numbers and Operations: K.2A, B, C, D, E, G, H, I; Algebraic Reasoning: K.5
L109	Composing and decomposing numbers to 5 with objects and pictures; adding vertically to 5; learning words: horizontal and vertical	Numbers and Operations: K.2I; K.3A, B, C
L110	Learning the concept of 17 and 18	Numbers and Operations: K.2A, B, C, D, E, F, I
Exercise 18	Collecting, sorting and organizing data into two or three categories; Opt. dividing using a circle graph; fractions	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2G; Data Analysis: K.8A, B, C
L111	Classifying objects by category, counting them and sorting the categories by count; creating picture graphs and circle graphs	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, C, D, G; Data Analysis: K.8A, B, C
L112	Completing a sequence to 18 when one or two are missing at the beginning	Numbers and Operations: K.2A, B
L113	Composing and decomposing numbers up to 10; creating story problems that add to 9	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2C, D, E, I; K.3A, B, C
Activity 113	Solving addition word problems using ten frames	Numbers and Operations: K.3A, B, C
L114	Measuring length with non-standard units	Geometry and Measurement: K.7A, B; Data Analysis: K.8A, B, C
L115	Comparing two numbers between 1 and 13 presented as written numerals; recognizing number words: eleven, twelve and thirteen	Numbers and Operations: K.2A, B, C, D, E, G, I
Exercise 19	Identifying attributes of 2-dimensional shapes using geometric language; coloring shapes so no adjacent edges share a color	Geometry and Measurement: K.6A, D, E, F
L116	Adding vertically to 5	Numbers and Operations: K.2A, B, C, D, F, I; K.3A, B, C
L117	Finding the number that makes 10 when added to a given number; adding dimes; Opt. using the dollar symbol and decimal	Numbers and Operations: K.2C, D, E, G; K.3A, B, C; Numbers and Operations: K.4
L118	Selecting the number with the greatest value in a given set	Numbers and Operations: K.2B, H
Activity 118	Composing and decomposing numbers up to 10 with objects and pictures	Numbers and Operations: K.2A, B, C, E, F, G, I; K.3A, B, C
L119	Giving an example of a measurable attribute of a given object; measuring distance with non-standard units	Geometry and Measurement: K.7A, B Data Analysis: K.8A, B, C
L120	Learning the concept of 19 and 20	Numbers and Operations: K.2A, B, C, D, E, F, H, I



**Texas Kindergarten TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Exercise 20	Comparing two numbers between 1 and 10 presented as written numerals; Opt. finding pairs of numbers on a number line	Numbers and Operations: K.2A, E, H
L121	Creating story problems that subtract from 7	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, F; K.3A, B, C
L122	Matching a number 0-9 with a set of items	Numbers and Operations: K.2A, B, C, D, G
Activity 122	Determining the higher value in a pair of numerals between 0 and 9	Numbers and Operations: K.2H
L123	Adding vertically to 8	Numbers and Operations: K.2A, B, I; K.3A, B, C
L124	Reciting numbers up to at least 50 by ones and tens beginning with any given number; Opt. recognizing number words: fourteen through nineteen; twenty, thirty, forty and fifty	Numbers and Operations: K.2A, B, C, D, E, F, I; Algebraic Reasoning: K.5
L125	Learning the concepts of 20 through 30; learning rows and columns	Numbers and Operations: K.2A, B, C, D, H; Algebraic Reasoning: K.5
Exercise 21	Comparing and sorting objects by length	Geometry and Measurement: K.7A, B
L126	Comparing weights using non-standard units; sorting objects by weight	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.7A, B
L127	Generating a number one more than or one less than another number to 20; completing a sequence to 20 when two are missing	Numbers and Operations: K.2A, B, F; Algebraic Reasoning: K.5
Activity 127	Practicing addition facts with a partner game	Numbers and Operations: K.3A, B, C
L128	Recognizing position of an item and using position words inside and outside with geometric figures	Numbers and Operations: K.2G; Geometry and Measurement: K.6A, D
L129	Using simple shapes to create larger shapes; sorting objects by temperature; Opt. measuring temperature on Celsius and Fahrenheit scales	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Geometry and Measurement: K.6A, D, E, F
L130	Learning the concepts of 31 through 50; learning rows and columns	Numbers and Operations: K.2A, B, C, D, H; Algebraic Reasoning: K.5
L131	Adding vertically to 9	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2C, D, E, I; K.3A, B, C
Activity 131	Drawing numerals between 0 and 19 in salt or sand	Numbers and Operations: K.2B, H
L132	Writing numbers from 0 to 20 and representing objects with a numeral 0-20; using pennies or nickels to pay for items up to 19 cents	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D; K.4
L133	Subtracting vertically from 6	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2C, D, I; K.3A, B, C



**Texas Kindergarten TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Activity 133	Practicing subtraction facts with a partner game	Numbers and Operations: K.2B, I; K.3A. B, C
L134	Composing simple shapes to form larger shapes; completing a pattern of geometric shapes	Geometry and Measurement: K.6A, D, E, F
L135	Reciting numbers up to at least 100 by ones and tens; learning the concepts of 51 through 100	Numbers and Operations: K.2A, B, C, D, H; Algebraic Reasoning: K.5
Exercise 22	Counting to 100 by 10s (opt. counting by 2s and 5s)	Numbers and Operations: K.2A; Algebraic Reasoning: K.5
L136	Adding vertically to 10	Numbers and Operations: K.2C, D, I; K.3A, B, C
L137	Writing numbers from 0 to 20, representing a number of objects with a written numeral 0-20; recognizing quarters and 50 state designs; comparing coins	Numbers and Operations: K.2B, C, D; K.4
L138	Subtracting vertically from 9	Numbers and Operations: K.2C, D, I; K.3A, B, C
Activity 138	Recognizing numeral equivalents and adding 2-digit numbers using dice	Numbers and Operations: K.3A, B, C
L139	Describing objects in the environment using names of shapes; Opt. selecting the best route on a map, giving directions using left, right, etc.	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Geometry and Measurement: K.6A, C, D
L140	Analyzing and comparing attributes of two- and three-dimensional shapes; Opt. charting the results of rolling a cube 20 times	Geometry and Measurement: K.6B, C, D, E, F; K.3A, B, C; Data Analysis: K.8A, B, C
Exercise 23	Solving word problems using objects and drawings; comparing objects and descriptions of different temperatures	Mathematical Process Standards: K.1A, B, C, D, E, F,G; Numbers and Operations: K.3A, B, C; Geometry and Measurement: K.7A, B
L141	Identifying two- and three- dimensional shapes; solving addition and subtraction word problems; Opt. moving a figure using flips, slides and turns	Geometry and Measurement: K.6A, B, C, D, F
L142	Composing and decomposing numbers up to 12 with objects and pictures; adding vertically to 12	Numbers and Operations: K.2C, D, I; K.3A, B, C
L143	Composing and decomposing numbers up to 10 with objects and pictures; adding horizontally to 12	Numbers and Operations: K.2C, D, E, I; K.3A, B, C
L144	Reciting numbers up to at least 100 by ones and tens beginning with any given number; recognizing number words: fifty, sixty, seventy, eighty, ninety and one hundred	Numbers and Operations: K.2A, B, C, D, E, F, I
L145	Subtracting vertically from 10	Numbers and Operations: K.2C, D, I; K.3A, B, C



**Texas Kindergarten TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Exercise 24	Using simple shapes to compose larger shapes and pictures; Opt. describing conditions using qualitative or quantitative	Geometry and Measurement: K.6A, D, E, F
L146	Composing and decomposing numbers up to 15 with objects and pictures;	Numbers and Operations: K.2C, D, I; K.3A, B, C
Activity 146	Practicing addition facts with a partner game	Numbers and Operations: K.3A, B, C
L147	Composing and decomposing numbers up to 20 with objects and pictures; selecting addition or subtraction to solve a problem	Numbers and Operations: K.2E, I; K.3A, B, C
L148	Selecting addition or subtraction to solve a problem; Opt. learning odd and even	Numbers and Operations: K.2E, I; K.3A, B, C
L149	Explaining the strategies used to add and subtract within 10; working with addition and subtraction fact families	Numbers and Operations: K.2F, I; K.3A, B, C
L150	Composing and decomposing numbers up to 10 with objects and pictures; working with addition and subtraction fact families	Numbers and Operations: K.2F, I; K.3A, B, C
Activity 150	Practicing subtraction facts with a partner game	Numbers and Operations: K.2I; K.3A, B, C
L151	Decomposing numbers less than or equal to 10 into pairs in more than one way; Opt. finding a number using trial and error	Numbers and Operations: K.2A, B, C, D, E, I; K.3A, B, C
L152	Comparing two numbers to identify smaller, larger or the same	Numbers and Operations: K.2H
L153	Finding the number that makes 10 when added to a given number; Opt. arranging 4 items to show possible combinations	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2A, B, C, D, I; K.3A, B, C; Algebraic Reasoning: K.5
L154	Composing and decomposing numbers 11 - 19 into ten ones and further ones; Opt. charting the results of flipping a coin 12 times	Mathematical Process Standards: K.1A, B, C, D, E, F, G; Numbers and Operations: K.2C, I; K.3A, B, C; K.4 Data Analysis: K.8A, B, C
L155	Composing and decomposing numbers 11 - 19 into ten ones and further ones; Opt. creating bar graphs to analyze data; using the terms range and mode; fractions	Numbers and Operations: K.2C, I; K.3A, B, C; Data Analysis: K.8A, B, C