



**Texas 1st Grade TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
L1	Using the numerals 0 to 9	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
L2	Selecting the correct numeral for a given set of pictures	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
Activity 2	Classifying and sorting similar items	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
L3	Writing the correct numeral for a given set	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
Activity 3	Creating numerals out of common materials	Number & Operations: 1.2B, C
L4	Writing the numerals 1 through 9	Number & Operations: 1.2A, B; Algebraic Reasoning: 1.5A
Activity 4	Sorting and counting items based on varying data	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
L5	Reciting numbers forward starting with any number (0 - 9)	Number & Operations: 1.2F; Algebraic Reasoning: 1.5A
Exercise 1	Reciting numbers forward and backward starting with 1-9	Number & Operations: 1.2A, B, C, D; 1.3D; Algebraic Reasoning: 1.5A
L6	Reciting numbers forward and backward from 1-10	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
Activity 6	Recognizing, describing and creating patterns of shapes	Mathematical Process Standards: 1.1A-G; Algebraic Reasoning: 1.5A
L7	Matching a set with an equal number of items	Number & Operations: 1.2A, E; Algebraic Reasoning: 1.5A, E
Activity 7	Creating shapes with string.	Geometry & Measurement: 1.6A, C, D, F
L8	Classifying & sorting two-dimensional shapes	Geometry & Measurement: 1.6A, C, D
Activity 8	Composing two-dimensional shapes by joining 2-4 figures	Geometry & Measurement: 1.6A, C, D, F
L9	Identifying & creating circles, squares, triangles and rectangles	Geometry & Measurement: 1.6A, C, D
Activity 9	Creating two-dimensional figures by joining shapes	Geometry & Measurement: 1.6A, C, D, F
L10	Filling in missing numbers when counting up and down	Number & Operations: 1.2D, E, *F; Algebraic Reasoning: 1.5A
L11	Comparing numbers 1-10 using comparative language	Number & Operations: 1.2A, C, E; Algebraic Reasoning: 1.5A
Activity 11	Determining the higher value in a pair of numerals between 0 and 9	Number & Operations: 1.2E
L12	Comparing numbers up to 10 using comparative language	Number & Operations: 1.2A, C, E; Algebraic Reasoning: 1.5A
Activity 12	Determining the lesser value in a pair of numerals between 0 and 9	Number & Operations: 1.3E
L13	Reciting numbers forward and backward from 1 - 11	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
Activity 13	Using measuring tools to measure the length of objects	Geometry & Measurement: 1.7A, B, C, D; Data Analysis: 1.8A, B, C
L14	Applying basic fact strategies to add two numbers up to 6	Number & Operations: 1.2A, B, C; 1.3D, E Algebraic Reasoning: 1.5G
Activity 14	Organizing and interpreting data; recording results on a chart	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C



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L15	Fluently adding and subtracting two numbers within 10	Number & Operations: 1.2A, B, C; 1.3D, E
Exercise 2	Using objects, pictures & standard forms to represent 0 - 120	Number & Operations: 1.2B, C
L16	Reciting numbers forward and backward from 1 - 12	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
Activity 16	Identifying income as a way of providing goods and services	Mathematical Process Standards: 1.1A-G; Personal Financial Literacy: 1.9A, B, C
L17	Filling in missing numbers when counting up or down and crossing 10	Number & Operations: 1.2D, *F; Algebraic Reasoning: 1.5A
Activity 17	Comparing and sorting common objects using a variety of criteria	Geometry & Measurement: 1.6A
L18	Applying basic fact strategies to add 2 numbers within 20	Number & Operations: 1.2A, B, C; 1.3D, E Algebraic Reasoning: 1.5G
Activity 18	Practicing addition facts	Number & Operations: 1.3D, E; Algebraic Reasoning: 1.5G
L19	Generating a number more or less than 12	Number & Operations: 1.2D, *E, *F; Algebraic Reasoning: 1.5A
Activity 19	Composing two-dimensional shapes by joining 2-4 figures	Geometry & Measurement: 1.6A, C, D, F, G, H
L20	Creating 2-D figures: circles, triangles, rectangles, squares	Geometry & Measurement: 1.6C, D
L21	Reciting numbers forward and backward from 1 - 14	Number & Operations: 1.2A, B, C
Activity 21	Filling a container using multiple smaller containers	Mathematical Process Standards: 1.1A-G
L22	Composing 10 with two or more addends	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, C; 1.3B, C, D, E; Algebraic Reasoning: 1.5A, D, G
Activity 22	Composing two-dimensional shapes by joining 2-4 figures	Geometry & Measurement: 1.6A, D
L23	Recognizing and adding pennies and using the cents symbol	Number & Operations: 1.4A, B Personal Financial Literacy: 1.9*A, *B, *C, *D
Activity 23	Classifying and sorting regular and irregular 2-D shapes	Geometry & Measurement: 1.6A, C, D, F
L24	Reciting numbers forward and backward from 1 - 16	Number & Operations: 1.2A, B, D; 1.3A, B, E; Algebraic Reasoning: 1.5A, C, D, G
Activity 24	Measuring the same object with units of two different lengths	Geometry & Measurement: 1.7A, B, C, D; Data Analysis: 1.8A, B, C
L25	Composing two-dimensional shapes by joining 2-4 figures	Geometry & Measurement: 1.6A, C, D, F, G, H
Exercise 3	Identifying geometric figures and their positions; adding horizontally	Number & Operations: 1.3B, D, E, F; Geometry & Measurement: 1.6A, D
L26	Telling time by the hour	Geometry & Measurement: 1.7E
Activity 26	Classifying and sorting regular and irregular 2-D shapes	Geometry & Measurement: 1.6A, D
L27	Telling time by the hour	Geometry & Measurement: 1.7E



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Activity 27	Solving problem situations when given a number sentence involving addition of numbers within 20; adding numbers	Number & Operations: 1.2A, B; 1.3B, D, E; Algebraic Reasoning: 1.5A, C, D
L28	Generating a number more or less than 16	Number & Operations: 1.2A, B, D, E, *G; 1.3D, E; Algebraic Reasoning: 1.5A
Activity 28	Identifying 2-D shapes; using the words inside & outside	Geometry & Measurement: 1.6A, D
L29	Recognizing and adding nickels and pennies	Number & Operations: 1.3D, E, F; 1.4A, B, C; Algebraic Reasoning: 1.5A; Personal Financial Literacy: 1.9*A, *B, *C, *D
Activity 29	Estimating quantities in a container	Algebraic Reasoning: 1.5A
L30	Adding & subtracting 2 numbers with minuend up to 20	Number & Operations: 1.2A, B, C; 1.3B, D, E, F Algebraic Reasoning: 1.5D
L31	Subtracting 2 numbers with a minuend less than 6	Number & Operations: 1.2A, B; 1.3D, E; Algebraic Reasoning: 1.5A, D
Activity 31	Practicing subtraction facts	Number & Operations: 1.3D, E; Algebraic Reasoning: 1.5G
L32	Adding 3 numbers with a sum less than 10	Number & Operations: 1.2A, B; 1.3*C, D, E; Algebraic Reasoning: 1.5D, G
Activity 32	Using measuring tools to compare length & various dimensions	Geometry & Measurement: 1.7A, B, C, D; Data Analysis: 1.8A, B, C
L33	Learning the concept of 17, 18 and 19.	Number & Operations: 1.2A, B; 1.3D; Algebraic Reasoning: 1.5A
Activity 33	Practicing regrouping	Number & Operations: 1.2A, B, C, *D; 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5A, *C, G
L34	Identifying a set that has 1 less item than a given set	Number & Operations: 1.2A, B, D; 1.3D, E
Activity 34	Fitting simple shapes over a complex shape	Geometry & Measurement: 1.6A, B, C, D, F
L35	Learning the addition facts of 11	Number & Operations: 1.2A, B, C; 1.3C, D, E
L36	Filling in missing numbers counting up or down	Number & Operations: 1.2D, *E, F; Algebraic Reasoning: 1.5A
Activity 36	Give and follow directions using location terms.	Geometry: K.6D
L37	Subtracting 2 numbers with a minuend less than 8	Number & Operations: 1.2A, B, C; 1.3B, D, E Algebraic Reasoning: 1.5D, G
Activity 37	Classifying and sorting 2-D shapes based on attributes	Geometry & Measurement: 1.6A, B, D, *E
L38	Adding and subtracting 2 numbers horizontally	Number & Operations: 1.2A, B, C, G; 1.3D, E, F Algebraic Reasoning: 1.5E, F, G
Activity 38	Ordering numbers up to 120 using place value & number lines	Number & Operations: 1.2D, F; Algebraic Reasoning: 1.5A
L39	Adding and subtracting 2 numbers horizontally	Number & Operations: 1.2*D, G; 1.3D, E, F; Algebraic Reasoning: 1.5E, F, G
Activity 39	Sorting items by weight; learning terms heavier, lighter, same	Geometry: 1.6A, K.7A, B
L40	Generating numbers greater than or less than a number	Number & Operations: 1.2D, E, F; Algebraic Reasoning: 1.5A
Exercise 4	Using words to describe shapes and numbers	Geometry & Measurement: 1.6A, C, D



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L41	Applying basic fact strategies to add & subtract within 12	Number & Operations: 1.2A, B, C; 1.3A, B, C, D, E; Algebraic Reasoning: 1.5D, G
Activity 41	Estimating quantities; using tally marks to count	Data Analysis: 1.8A, B, C
L42	Reciting numbers forward and backward to 30	Number & Operations: 1.2A, B, C; 1.3D Algebraic Reasoning: 1.5A
Activity 42	Composing 10 with two or more addends	Number & Operations: 1.2A, B, C; 1.3B, C, D, E Algebraic Reasoning: 1.5A, C, D
L43	Applying basic fact strategies to add & subtract within 20	Number & Operations: 1.2A, B; 1.3A, C, D, E
Activity 43	Composing 10 with two or more addends using objects	Number & Operations: 1.3B, C, D, E
L44	Subtract 2 one-digit numbers with a minuend less than 10.	Number & Operations: 1.2A, B, F; 1.3B, D, E; Algebraic Reasoning: 1.5A, D, G
Activity 44	Adding and subtracting with in 10; making 10 & decomposing	Number & Operations: 1.3B, C, D, E; Algebraic Reasoning: 1.5A
L45	Write addition number sentences.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, C; 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5A, D, E, F, G
L46	Recognize the words zero, one, two, three, four and five.	Number & Operations: 1.2A, B, C; 1.3D Algebraic Reasoning: 1.5A
Activity 46	Represent numbers in multiple ways.	Number & Operations: 1.2A, B, C;
L47	Recognize the words six, seven, eight, nine and ten.	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A
Activity 47	Representing numbers with movement	Number & Operations: 1.2B, C; Algebraic Reasoning: 1.5A
L48	Add a one-digit and two-digit number with a sum less than 20.	Number & Operations: 1.3A, C, D, E; Algebraic Reasoning: 1.5G
Activity 48	Filling containers using smaller containers of different sizes	Geometry: K.7A, B
L49	Add a one-digit and two-digit number with a sum less than 20.	Number & Operations: 1.3C, D, E
Activity 49	Find multiple geometric shapes in one complex drawing.	Geometry & Measurement: 1.6A, C, D, F, G, *H
L50	Measure lengths using non-standard units.	Geometry & Measurement: 1.7A, B, C, D
Exercise 5	Measure shapes with rulers and define the characteristics of a good measuring device.	Geometry & Measurement: 1.7A, B, C, D; Data Analysis: 1.8A, *B, *C
L51	Recognize and add dimes.	Number & Operations: 1.3A, E; 1.4A, B, C; Algebraic Reasoning: 1.5A; Personal Financial Literacy: 1.9*A, *B, *C, *D
Activity 51	Identifying income as a way to obtain goods and services	Personal Financial Literacy: 1.9A, B, C
L52	Select the number with the greatest value.	Number & Operations: 1.2E, *F
Activity 52	Determine which of two containers has the greater volume.	Geometry & Measurement: 1.8A, B, C
L53	Select the number with the least value.	Number & Operations: 1.2D, E, *F
Activity 53	Determine which of four objects weighs the least.	Geometry & Measurement: 1.8A, B, C
L54	Learn the addition facts of 13.	Number & Operations: 1.2A; 1.3A, B, C, D, E; Algebraic Reasoning: 1.5D; Geometry & Measurement: 1.8A, B, C



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Activity 54	Partitioning circles and rectangles into two and four equal shares	Geometry & Measurement: 1.6D, G, H
L55	Continuing to learn addition facts	Number & Operations: 1.2C, D, E, F
L56	Measuring line segments to the nearest inch.	Number & Operations: 1.3D; Geometry & Measurement: 1.7A, B, C, D
Activity 56	Combining shapes to form new geometric shapes	Geometry & Measurement: 1.6C, D, F
L57	Write number sentences using subtraction.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, G; 1.3B, D, E, F; Algebraic Reasoning: 1.5A, D, E, F, G
Activity 57	Combining shapes to form new geometric shapes	Geometry & Measurement: 1.6A, C, D, F
L58	Learn subtraction facts up through 10.	Number & Operations: 1.2A, B, C; 1.3A, C, D, E
Activity 58	Practice addition and subtraction facts using their listening skills.	Number & Operations: 1.3D
L59	Recognize and write ordinals first-fifth in word and number form.	Number & Operations: 1.2C
Activity 59	Create patterns using animal shapes.	Number & Operations: 1.2B, C, D, E, F; Algebraic Reasoning: 1.5D, E, G
L60	Choose the correct operation symbol for a number sentence.	Number & Operations: 1.3D, E, F; Algebraic Reasoning: 1.5E, F, G
Exercise 6	Identifying math words; Explain, display and justify math ideas	Mathematical Process Standards: 1.1A-G
L61	Reciting numbers forward and backward up to 39	Number & Operations: 1.2A, B, C, F; 1.3D; Algebraic Reasoning: 1.5A
Activity 61	Create triangles and other shapes from rectangular sheets of paper.	Geometry & Measurement: 1.6A, C, D, F, G, *H
L62	Tell time on the half hour.	Geometry & Measurement: 1.7E
Activity 62	Solve a logic problem.	Mathematical Process Standards: 1.1A-G
L63	Group by ten when counting	Number & Operations: 1.2A, B, C; 1.3A, C, D Algebraic Reasoning: 1.5A
Activity 63	Weigh various objects.	Mathematical Process Standards: 1.1A-G
L64	Adding 3 one-digit numbers with a sum greater than 10.	Number & Operations: 1.2A, B; 1.3A, C, D, E; Algebraic Reasoning: 1.5A
Activity 64	Create geometric shapes by moving lines.	Geometry & Measurement: 1.6A, C, D, F, G
L65	Draw, sort and compare geometric shapes.	Geometry & Measurement: 1.6A, C, D, F, G
L66	Write addition number sentences from word problems	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B; 1.3 A, B, C, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 66	Solving addition word problems using a spinner & ten frames	Number & Operations: 1.3D, E; Algebraic Reasoning: 1.5E, G
L67	Write subtraction number sentences from word problems.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B; 1.3B, C, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 67	Adding within 20 and creating addition word problems	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A; 1.3D, E
L68	Learning to distinguish between spending and saving.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, D, E, F; 1.4A, B, *C; Algebraic Reasoning: 1.5D, E, F, G Personal Financial Literacy: 1.9A.B, C, D
Activity 68	Identify and compare characteristics of coins.	Number & Operations: 1.4A, B, C; Personal Financial Literacy: 1.9A.B, C, D



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L69	Group by tens when counting higher than 19.	Number & Operations: 1.2A, B, C; 1.3A, D, E, F; Algebraic Reasoning: 1.5A, B, E, F, G
Activity 69	Balance a scale by moving weights from one side to the other.	Number & Operations: 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
L70	Learn addition facts of 14 and count up to 49.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, C; 1.3A, B, D, E, F; Algebraic Reasoning: 1.5A, B, D
L71	Recognize addition and subtraction fact families.	Number & Operations: 1.3C, D, E, F; Algebraic Reasoning: 1.5E, F, G
Activity 71	Use various tools for measuring volume.	Mathematical Process Standards: 1.1A-G; Geometry: K.7A
L72	Count up to 59.	Number & Operations: 1.2A, B, C, G; 1.3C, D, E, F; Algebraic Reasoning: 1.5A, B, E, F, G
Activity 72	Use family relationships to group people into sets.	Mathematical Process Standards: 1.1A-G
L73	Gather information using tally charts.	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
Activity 73	Model fact families.	Number & Operations: 1.2G; 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5E, F, G
L74	Learn subtraction facts of 11: students will count to 69.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, C; 1.3D, E; 1.4C Algebraic Reasoning: 1.5A, B, D, E, F, G
Activity 74	Demonstrate positional words.	Geometry: K.6D
L75	Sort geometric figures by common attributes.	Geometry & Measurement: 1.6A, *B, C, D
Exercise 7	Describing shapes in words; drawing shapes from descriptions.	Geometry & Measurement: 1.6A, B, D, E
L76	Recognize the days of the week in order.	Number & Operations: 1.2B; 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5C
Activity 76	Arrange a series of events in a logical order and tell a story.	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.7E
L77	Obtain numerical information from a word problem.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B
Activity 77	Find a location based on verbal directions.	Number & Operations: 1.2E, F, *G
L78	Use a number line to solve addition problems.	Number & Operations: 1.2G; 1.3A, C, D, E, F; Algebraic Reasoning: 1.4A, E, F, G
Activity 78	Create repeating patterns using pictures.	Number & Operations: 1.2E, F, *G
L79	Using number lines to solve subtraction problems	Number & Operations: 1.3D, E, F; Algebraic Reasoning: 1.5A, E, G
Activity 79	Explaining how to get from one point to another on a map	Mathematical Process Standards: 1.1A-G
L80	Selecting a number that is less than a given number	Number & Operations: 1.2D, E, *G
L81	Selecting a number that is greater than a given number	Number & Operations: 1.2D, E, *G
Activity 81	Studying different coin designs	Number & Operations: 1.4A, B; Personal Financial Literacy: 1.9*A, *B, *C
L82	Recognizing eleven, twelve and thirteen; counting up to 99	Number & Operations: 1.2A, B, C, F; 1.3A Algebraic Reasoning: 1.5A, B, *C
Activity 82	Representing numbers in multiple ways	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A, B



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L83	Measuring a line segment to the nearest centimeter	Number & Operations: 1.3D Geometry & Measurement: 1.7A, B, C, D
Activity 83	Learning to consider charitable giving.	Mathematical Process Standards: 1.1A-G; Personal Financial Literacy: 1.9*A.*B, *C, D
L84	Learning the addition facts of 15, 16, 17 and 18	Number & Operations: 1.2B, C; 1.3A, D, E, F; Algebraic Reasoning: 1.5A, B, G
Activity 84	Creating coin designs	Number & Operations: 1.4A, B; Personal Financial Literacy: 1.9*A.*B, *C
L85	Solving word problems using addition in a number sentence.	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2B, C; 1.3A, B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Exercise 8	Write word problems from pictures	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, E; Algebraic Reasoning: 1.5D, E, F, G
L86	Recognizing numbers represented by tens and ones	Number & Operations: 1.2A, B, C; 1.3D, E, F; Algebraic Reasoning: 1.5A, B
Activity 86	Creating two-dimensional shapes by joining 2-4 figures.	Geometry & Measurement: 1.6A, C, D, F, *G
L87	Reading scales measuring volume, temperature and weight	Number & Operations: 1.3D; Algebraic Reasoning: 1.5E, F, G
Activity 87	Identifying, describing and creating patterns	Number & Operations: 1.4C; Algebraic Reasoning: 1.5A, B
L88	Learning the subtraction facts of 12	Number & Operations: 1.2A, B; 1.3A, C, D, E, F Algebraic Reasoning: 1.5A, G
Activity 88	Creating different shapes by adding lines to a drawing	Geometry & Measurement: 1.6A, C, D, F, G, H
L89	Calculating value of a number shown as sum or difference of 2 numbers	Number & Operations: 1.3A, C, D, E, F; Algebraic Reasoning: 1.5E, F, G
Activity 89	Moving objects in a logical manner	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.6D
L90	Recognizing a number series counting by 1, 5 or 10	Number & Operations: 1.2 E, F; 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5B, C
L91	Putting 3 numbers in order from least to greatest	Number & Operations: 1.2E, F; 1.3D; Algebraic Reasoning: 1.5A
Activity 91	Working with non-standard measurement units	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.7A, B, C, D
L92	Writing a number sentence from a number line	Number & Operations: 1.2B, C; 1.3A, B, D, E, F; Algebraic Reasoning: 1.5A, E, F, G
Activity 92	Modeling word problems involving numbers	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
L93	Learning the subtraction facts of 13	Number & Operations: 1.3D, E, F
Activity 93	Finding minor differences between similar images	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2E, G; 1.3B, D, E, F; Algebraic Reasoning: 1.5D
L94	Recognizing the words fourteen, fifteen, twenty, thirty and forty	Number & Operations: 1.2A, B, C; Algebraic Reasoning: 1.5A, B
Activity 94	Partitioning circles and rectangles into two and four equal shares.	Geometry & Measurement: 1.6A, C, D, F, G, H
L95	Telling and writing time to the hour and half hour	Geometry & Measurement: 1.7E



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Exercise 9	Writing days, seasons, months and holidays	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.7E
L96	Adding a two-digit number and a one-digit number	Number & Operations: 1.2A, B, C; 1.3A, D, E, F Algebraic Reasoning: 1.5E, G
Activity 96	Creating composite shapes from smaller shapes	Geometry & Measurement: 1.6A, C, D, F
L97	Adding 2 two-digit numbers, no regrouping	Number & Operations: 1.2B, C; 1.3A, B, D, E, F; Algebraic Reasoning: 1.5D, E, G
Activity 97	Creating shapes by removing lines from a drawing	Geometry & Measurement: 1.6A, C, D, F
L98	Recognizing the words sixteen, seventeen, eighteen and nineteen	Number & Operations: 1.2A, B, C; 1.3D
Activity 98	Comparing two 2-digit numbers based on the tens and ones digits.	Number & Operations: 1.2D, E, G
L99	Adding 4 one-digit numbers with a sum less than 20	Number & Operations: 1.3*C, D, E; Algebraic Reasoning: 1.5G
Activity 99	Organizing, representing and interpreting data in up to 3 categories.	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L100	Solving word problems using subtraction	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, D, E, F; 1.5D, E, F, G
L101	Solving word problems using addition and subtraction	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 101	Creating similar shapes using colored pattern blocks	Geometry & Measurement: 1.6A, B, C, D, F
L102	Filling in missing numbers when counting by 10	Number & Operations: 1.2E, G; 1.4*C Algebraic Reasoning: 1.5A, B, C
Activity 102	Comparing numbers gathered from a survey; using tally chart	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L103	Filling in missing addends in a number sentence	Number & Operations: 1.2A; 1.3A, B, D, E, F Algebraic Reasoning: 1.5D, E, F, G
Activity 103	Changing the appearance of a shape by moving lines	Geometry & Measurement: 1.6A, B, C, D, F
L104	Filling in missing addends in a number sentence	Number & Operations: 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 104	Sorting similar objects and recording differences between them	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3A, B, D, E, F; Algebraic Reasoning: 1.5D
L105	Observing change and determining the order of events	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5D
L106	Learning the subtraction facts of 14 and 15	Number & Operations: 1.3D, E, F; Algebraic Reasoning: 1.5G
Activity 106	Comparing and ranking two 2-digit numbers	Number & Operations: 1.2D, E, F; Algebraic Reasoning: 1.5F, G
L107	Learning the parts of a fraction and filling in the denominator	Geometry & Measurement: 1.6A, *B, C, D, F, G, H
Activity 107	Changing the appearance of a shape by moving lines	Geometry & Measurement: 1.6C, D, F, G, H
L108	Filling in the denominator of a fraction	Geometry & Measurement: 1.6A, *B, C, D, F, G, H



**Texas 1st Grade TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Activity 108	Recognizing shapes; filling in the denominator of a fraction	Geometry & Measurement: 1.6C, D, F, G, H
L109	Recognizing the words fifty and sixty	Number & Operations: 1.2A, B, C; 1.3D Algebraic Reasoning: 1.5A, B
Activity 109	Overlaying small pattern blocks onto complex shapes	Geometry & Measurement: 1.6A, C, D, F
L110	Subtracting a one-digit number from a two-digit number	Number & Operations: 1.2B, C; 1.3D, E, F
Exercise 10	Identifying math symbols	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, C, D, G; 1.4A, B Algebraic Reasoning: 1.5E, F, G; Geometry & Measurement: 1.6F, H; 1.7E
L111	Subtracting 2 two-digit numbers	Number & Operations: 1.2B, C; Algebraic Reasoning: 1.5E, G
Activity 111	Exchanging ones and tens	Number & Operations: 1.2C; 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5D
L112	Filling in missing numbers when counting by 5	Number & Operations: 1.2D, E, F; Algebraic Reasoning: 1.5A, B, *C
Activity 112	Creating shapes by moving lines on a drawing	Geometry & Measurement: 1.6A, C, D, F
L113	Recognizing the words seventy, eighty and ninety	Number & Operations: 1.2A, B, C; 1.3D Algebraic Reasoning: 1.5A, B
Activity 113	Changing the appearance of a shape by moving lines	Geometry & Measurement: 1.6A, C, D, F
L114	Adding 4 one-digit numbers with a sum greater than 19	Number & Operations: 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 114	Writing number words to match the correct numerals	Number & Operations: 1.2A, B, C
L115	Interpreting information given in picture graphs	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L116	Learning the subtraction facts of 16, 17 and 18	Number & Operations: 1.3D, E, F; Algebraic Reasoning: 1.5D, G
Activity 116	Giving directions to get from one point to another on a map	Mathematical Process Standards: 1.1A-G
L117	Filling in missing subtrahends in a number sentence	Number & Operations: 1.3A, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 117	Calculating sums and differences for pairs of numbers	Number & Operations: 1.2A; 1.3D, E, F Algebraic Reasoning: 1.5A, D
L118	Recognizing any number word less than 100	Number & Operations: 1.2A, B, C; 1.3A, D Algebraic Reasoning: 1.5A
Activity 118	Adding numbers and moving game pieces based on calculations	Number & Operations: 1.2A, B; 1.3A, B, E, F
L119	Partitioning circles and rectangles; filling in the numerator of a fraction	Geometry & Measurement: 1.6A, C, D, G, H
Activity 119	Overlaying small pattern blocks onto complex shapes	Geometry & Measurement: 1.6A, C, D, F
L120	Gathering information to put into graphs	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
Activity 120	Using data to create picture graphs	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C



**Texas 1st Grade TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Exercise 11	Subtracting multiples of 10; writing weather facts, quantitative and qualitative	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3A, B, C, D, E, F; Algebraic Reasoning: 1.5C, D
L121	Recognizing the < less than, > greater than and = equal to symbols	Number & Operations: 1.2D, E, G; Geometry & Measurement:
Activity 121	Creating shapes by removing lines from a drawing	Geometry & Measurement: 1.6A, C, D, F, G
L 122	Adding 2 two-digit numbers horizontally	Number & Operations: 1.3E, F; Algebraic Reasoning: 1.5E, F, G
Activity 122	Creating two-dimensional shapes with textured materials	Geometry & Measurement: 1.6A, *B, C, D, F
L123	Subtracting 2 two-digit numbers horizontally	Number & Operations: 1.3E, F; Algebraic Reasoning: 1.5E, F, G
Activity 123	Combining numbers to form true number sentences	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3E, F; Algebraic Reasoning: 1.5E, F, G
L124	Recognizing a number series counting by even twos	Algebraic Reasoning: 1.5A, B
Activity 124	Creating animal figures using pattern blocks	Geometry & Measurement: 1.6A, C, D, F
L125	Partitioning two-dimensional figures; reasoning using overlapping figures	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.6A, D, F, G
L126	Calculating a number one more or one less than a given number	Number & Operations: 1.2D; 1.3D; Algebraic Reasoning: 1.5A
Activity 126	Finding basic shapes within complex figures	Geometry & Measurement: 1.6A, C, D, F, G, *H
L127	Recognizing basic fact families with sums of 10 and greater	Number & Operations: 1.2G; 1.3C, D, E, F; Algebraic Reasoning: 1.5E, F, G
Activity 127	Subtracting repeatedly from 90 to zero	Number & Operations: 1.2A, B; 1.3D, E; Algebraic Reasoning: 1.5C
L128	Finding the fractional part of a group of figures	Number & Operations: 1.3D; Geometry & Measurement: 1.6A, D, *C, *F, *G, *H
Activity 128	Completing a fraction that represents part of a group of figures	Geometry & Measurement: 1.6G, H
L129	Calculating a number ten more or ten less than a given number	Number & Operations: 1.2D; 1.3A, E, F; Algebraic Reasoning: 1.5C
Activity 129	Composing two-dimensional shapes by joining 2-4 figures	Geometry & Measurement: 1.6A, C, D, F
L130	Counting past 100, 10 more and 10 less	Number & Operations: 1.2A, B, C; 1.3A Algebraic Reasoning: 1.5A, B
Exercise 12	Graphing information in different ways	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L131	Adding & subtracting within 20 to solve word problems	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3A, B, D, E, F; Algebraic Reasoning: 1.5D; Geometry & Measurement: 1.6H
Activity 131	Matching numbers that are 1 apart and those that are 10 apart	Number & Operations: 1.2E; Algebraic Reasoning: 1.5B, C
L132	Adding & subtracting within 20 to solve word problems	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3A, B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 132	Recognizing and writing ordinal numbers	Number & Operations: 1.2F



**Texas 1st Grade TEKS /
Excel Math Correlation by Lesson Number**

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L133	Relating counting to addition, counting by twos	Number & Operations: 1.3D, E, F; Algebraic Reasoning: 1.5B, C
Activity 133	Creating shapes by removing lines from a drawing	Geometry & Measurement: 1.6C, D, F, G, H
L134	Subtracting multiples of 10 from 10-90 using models	Mathematical Process Standards: 1.1A-G; Algebraic Reasoning: 1.5C
Activity 134	Interpreting and comparing data using a tally chart	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L135	Identifying and drawing lines, sides, angles, corners and vertices	Geometry & Measurement: 1.6A, C, D, F, G, H
L136	Adding within 100; adding 2- and 1-digit nos. horizontally	Number & Operations: 1.3E, F; Algebraic Reasoning: 1.5E, G
Activity 136	Comparing weight of different packages; creating and analyzing graphs	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L137	Subtracting within 10	Number & Operations: 1.3E, F; Algebraic Reasoning: 1.5E, G
Activity 137	Sorting capital letters according to curved and straight lines	Geometry & Measurement: 1.6A
L138	Telling time by 5 minutes, given the hour	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B; 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G; Geometry & Measurement: 1.7E
Activity 138	Telling time to the half hour and hour	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.7E
L139	Applying properties of operations to add coins	Number & Operations: 1.3D, E, F; 1.4A, B, C; Algebraic Reasoning: 1.5E, G Personal Financial Literacy: 1.9*A, *B, *C, *D
Activity 139	Solving word problems involving joining and separating sets	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
L140	Partitioning shapes into two & four equal shares; opt. recognizing flips, slides and turns	Geometry & Measurement: 1.6A, D, G, H
L141	Filling in a missing number on one side of a number sentence	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.2A, B, C; 1.3A, B, D, E, F; Algebraic Reasoning: 1.5E, F, G
Activity 141	Creating a tally chart and a picture chart; sorting data	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L142	Adding 3 one-digit numbers horizontally	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
Activity 142	Determining the best type of chart to use to display information	Mathematical Process Standards: 1.1A-G; Data Analysis: 1.8A, B, C
L143	Telling time on the hour and half hour; estimating how much time events take; identifying least or most time	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3D; Geometry & Measurement: 1.7D, E
Activity 143	Telling time to the hour and half hour; sorting clocks according to the times they show	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.7E
L144	Filling in missing numbers when counting up by twos	Algebraic Reasoning: 1.5A, B



**Texas 1st Grade TEKS /
Excel Math Correlation by Lesson Number**

Lesson (Activity) Number	Excel Math Lesson Objective	Texas Essential Knowledge and Skills
Activity 144	Calculating maximum number of coins that can be used to give change	Number & Operations: 1.4A, B, C; Personal Financial Literacy: 1.9*A.*B, *C
L145	Adding & subtracting within 20 to solve word problems	Mathematical Process Standards: 1.1A-G Number & Operations: 1.3B, D, E, F; Algebraic Reasoning: 1.5D, E, F, G
L146	Adding a 2-digit & 1-digit number on a number line	Number & Operations: 1.3D, E, F; Algebraic Reasoning: 1.5A
Activity 146	Defining money earned as income; exploring careers	Mathematical Process Standards: 1.1A-G; Personal Financial Literacy: 1.9A, B
L147	Adding a 2-digit & 1-digit number on a number line	Number & Operations: 1.2A, B, C; 1.3E, F; Algebraic Reasoning: 1.5E, F, G
Activity 147	Classifying images by their characteristics	Mathematical Process Standards: 1.1A-G; Geometry & Measurement: 1.6A, B, *E
L148	Filling in the numerator and the denominator of a fraction	Geometry & Measurement: 1.6A, D, F, G, H
Activity 148	Drawing geometric shapes from a verbal description of the shape	Geometry & Measurement: 1.6A, C, D, F
L149	Adding 3 one-digit numbers with a sum greater than 19	Number & Operations: 1.3D, E, F
Activity 149	Solving logic puzzles and rewriting puzzles so that the answer is true	Mathematical Process Standards: 1.1A-G
L150	Recognizing and naming solid shapes	Geometry & Measurement: 1.6B, E
L151	Identifying solid shapes	Geometry & Measurement: 1.6B, E
Activity 151	Solving logic puzzles by trial and error	Mathematical Process Standards: 1.1A-G; Number & Operations: 1.3D, E, F Algebraic Reasoning: 1.5D, E, F, G
L152	Telling time to the half hour; opt. by 5 minutes	Geometry & Measurement: 1.7E
Activity 152	Creating similar shapes using colored pattern blocks	Geometry & Measurement: 1.6A, C, D, F
L153	Telling time to the half hour; opt. lines of symmetry	Geometry & Measurement: 1.7E
Activity 153	Creating shapes by removing lines from a drawing	Geometry & Measurement: 1.6A, C, D, F
L154	Partitioning shapes into halves & fourths; use cent symbol	Number & Operations: 1.4A, B; Geometry & Measurement: 1.6G, H; Personal Financial Literacy: 1.9*A.*B, *C, *D
Activity 154	Completing a pattern of shapes	Geometry & Measurement: 1.6A, D, G, H
L155	Partitioning circles & rectangles into fractional parts	Geometry & Measurement: 1.6G, H