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Student Paced Learning

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**Math Lesson Plan
Kindergarten Curriculum
Total Activities: 106**

Chapter - "Tutorial"-Modeling and Practice		
Lesson Code	Lesson Title and Description	LA Number
1	Tutorial-Functionality of buttons and interactions, practice questions from lessons based on objectives.	KM000
Chapter - "Under the Sea"-Functionality of buttons and interactions, practice questions from lessons based on objectives.		
Lesson Code	Lesson Title and Description	LA Number
2	Adventures Under the Sea-Recognize likenesses and differences between pairs of items.	KM002 KM003 KM004
3	Searchers of the Sunken Ship-Sort objects by appearance (e.g., color, size, and shape). Recognize items that are the same and different. Extend and identify a repeating pattern.	KM005 KM006 KM007
4	Sea Sorting-Sort representations of living things by appearance. Create items with given attributes. Recognize one-to-one correspondence.	KM008 KM009 KM010

5	Fantastic Fish-Align sorted objects to determine whether a one-to-one match exists. Determine which set has more or fewer members when a one-to-one match does not exist. Create and interpret picture-graph displays.	KM011 KM012 KM013
6	Sea Symphony-Copy, continue, and complete patterns involving two attributes.	KM014 KM015 KM016
Chapter - "Playtime in the Park"-Functionality of buttons and interactions, practice questions from lessons based on objectives.		
Lesson Code	Lesson Title and Description	LA Number
2	Moose Park Footrace-Use positional words to describe vertical and horizontal relationships. Recognize that more than one term may be appropriately used to describe a positional relationship. Create a positional relationship by following directions.	KM018 KM019 KM020
3	Digby Hide-and-Seek-Use positional words to direct investigations that occur in different locations. Use positional words to describe locations	KM021 KM022 KM023
4	A New View-Recognize that vertical and horizontal relationships are often determined by point of view. Recognize that individual items may each appear different from different perspectives.	KM024 KM025 KM026
5	Shape Hunt-Investigate the features of a circle, triangle, square, and rectangle and identify their presence in contextual settings. Identify likenesses and differences	KM027 KM028 KM029

	between pairs of shapes. Construct shapes.	
6	Photo Finish-Construct and/or complete simple scenes formed with plane figures. Construct, complete, and describe patterns formed with plane figures.	KM030 KM031 KM032
Chapter - "Let's Go On a Safari"-Functionality of buttons and interactions, questions from lessons based on objectives.		
Lesson Code	Lesson Title and Description	LA Number
1	Jungle Safari-Recognize that objects can be counted and represented by numerals. Recognize that cardinal numbers represent a quantity (numbers 1-5). Read and represent numbers 1-5. Recognize that different arrangements represent the same quantity (numbers 1-5).	KM034 KM035 KM036 KM037 KM038
2	Safari Tales-Compare groups to determine more/greater/less/fewer. Use 1-to-1 correspondence when comparing sets. Recognize the concept of zero as representing an empty set. Construct and interpret picture graphs.	KM039 KM040 KM041 KM042 KM043
3	Wild Animals-Recognize that objects can be counted and represented by numerals (0-10). Recognize that cardinal numbers represent a quantity (numbers 0-10). Read and represent numbers 0-10. Recognize that different arrangements represent the same quantity (numbers 0-10).	KM044 KM045 KM046 KM047 KM048
4	Sounds Wild!-Use 1-to-1 correspondence to represent and compare quantities of 0-10. Use tally charts and picture graphs to represent 0-10. Recognize sequence of numbers on a number line. Describe position in a sequence of whole numbers on a	KM049 KM050 KM051 KM052 KM053

	number line up to 10.	
5	Animal Keeper At Work-Recognize that larger numbers are formed from combinations of smaller numbers. Informally explore addition models. Recognize that smaller numbers are formed by taking apart sets. Informally explore subtraction models.	KM054 KM055 KM056 KM057 KM058
Chapter - "What's Cooking?"-Functionality of buttons and interactions, practice questions from lessons based on objectives.		
Lesson Code	Lesson Title and Description	LA Number
1	Snack Time-Use a calendar as a tool to identify months, days, and dates. Use a calendar as a tool to identify today, yesterday, and tomorrow. Identify parts of a day (morning, afternoon, evening). Use an analog clock to identify time to the nearest hour. Use a digital clock to identify time to the nearest hour. Order events in a sequence. Identify temperature using a thermometer.	KM061 KM062 KM063 KM064 KM065 KM066 KM067 KM068
2	Harriet's Piggy Bank-Identify penny, nickel, dime, quarter. Identify value of penny, nickel, dime, quarter. Combine coins to make values up to 10 cents.	KM069 KM070 KM071 KM072
3	Tasty Treats-Compare the length of objects. Identify and correct common errors in linear measurement. Estimate and measure length using nonstandard units. Measure length using standard units.	KM073 KM074 KM075 KM076 KM077
4	Sharing Snacks-Separate items into equal parts through an active comparison of their length. Informally explore commonly used fractional parts of a whole (fourths, thirds, halves).	KM078 KM079 KM080

5	Measurement Matters-Compare the weight of objects. Compare the capacity of objects. Recognize tools of measurement. Informally explore the concept of area.	KM081 KM082 KM083 KM084 KM085
6	Writer's Corner-Use a calendar as a tool to identify months, days, and dates. Use a calendar as a tool to identify today, yesterday, and tomorrow. Identify parts of a day (morning, afternoon, evening). Use an analog clock to identify time to the nearest hour. Use a digital clock to identify time to the nearest hour. Order events in a sequence. Identify temperature using a thermometer. Identify penny, nickel, dime, quarter. Identify value of penny, nickel, dime, quarter. Combine coins to make values up to ten cents. Compare the length of objects. Identify and correct common errors in linear measurement. Estimate and measure length using nonstandard units. Measure length using standard units. Separate items into equal parts through an active comparison of their length. Informally explore commonly used fractional parts of a whole (quarters, thirds, halves). Compare the weight of objects. Compare the capacity of objects. Recognize tools of measurement. Informally explore the concept of ar	KM086
Chapter -"Numbers in the Neighborhood"-Functionality of buttons and interactions, practice questions from lessons based on objectives.		
Lesson Code	Lesson Title and Description	LA Number
1	Number Sense Center-Read and represent numbers 11-20. Recognize that larger numbers are formed from combinations of smaller numbers (11-20). Demonstrate understanding of	KM087 KM088 KM089 KM090 KM091

	conservation of number (recognizing that size does not affect number). Explore numbers 0-100. Explore number patterns, counting by 1s, 2s, 5s, and 10s.	KM092
2	Graphing Data Drive-Use data to create picture graphs. Use data to create bar graphs. Interpret data from graphs and use it to solve problems.	KM093 KM094 KM095 KM096
3	Probability Place-Understand basic concepts of chance and probability. Describe events as likely or unlikely.	KM097 KM098 KM099
4	Addition Avenue-Explore addition models. Explore properties of addition. Use addition number sentences to record the combining of sets. Solve addition number sentences.	KM100 KM101 KM102 KM103 KM104
5	Subtraction Street-Explore subtraction models. Explore properties of subtraction. Use number sentences to record subtraction. Solve subtraction number sentences.	KM105 KM106 KM107 KM108 KM109
6	Writer's Corner-Use data to create picture graphs. Use data to create bar graphs. Interpret data from graphs and use it to solve problems. Use data to create picture graphs. Use data to create bar graphs. Interpret data from graphs and use it to solve problems. Understand basic concepts of chance and probability. Describe events as likely or unlikely. Explore addition models. Explore properties of addition. Use addition number sentences to record the combining of sets. Solve addition number sentences. Explore subtraction models. Explore properties of subtraction. Use number sentences to record subtraction. Solve subtraction number sentences.	KM110