

# Kindergarten Mathematics Learning Targets By Unit

INSTRUCTIONAL UNIT	PA CORE STANDARD ADDRESSED	LEARNING TARGETS
<p>UNIT 1: NUMBERS TO 5</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.4.K.A.1 Describe and compare attributes of length, area, weight, and capacity of everyday objects.</p>	<p>I can count groups of 1 and 2.</p> <p>I can write the numerals 1 and 2.</p> <p>I can match and sort.</p> <p>I can look for sameness.</p> <p>I can understand not the same.</p> <p>I can understand different.</p> <p>I can sort using a single attribute.</p> <p>I can count groups of 3.</p> <p>I can write the numeral 3.</p> <p>I can understand differences.</p> <p>I can count groups of 4.</p> <p>I can write the numeral 4.</p> <p>I can count groups of 5.</p> <p>I can write the numeral 5.</p> <p>I can spot differences between two pictures.</p> <p>I can make subtle differences in two pictures.</p>
<p>UNIT 2: NUMBERS TO 10</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities</p>	<p>I can count from 1 to 6.</p> <p>I can read and write the numerals 1 to 6.</p> <p>I can count from 1 to 7.</p> <p>I can read and write the numerals from 1 to 7.</p> <p>I can pair number names with numerals.</p> <p>I can count from 1 to 8.</p> <p>I can read and write the numerals 1 to 8.</p> <p>I can pair number names with numerals.</p> <p>I can understand the concept of 0.</p> <p>I can use 0 to 9 to tell the number of objects.</p> <p>I can read and write the numerals 1 to 9.</p> <p>I can pair up sets of objects with other sets of the same quantity.</p> <p>I can understand one more, one less, and the same number.</p> <p>I can pair up sets of objects one-to-one with other sets of the same quantity.</p>
<p>UNIT 3: ORDER BY SIZE, LENGTH OR WEIGHT</p>	<p>CC.2.4.K.A.1 Describe and compare attributes of length, area, weight, and capacity of everyday objects.</p> <p>CC.2.4.K.A.4 Classify objects and count the number of objects in each category.</p>	<p>I can pair up a set of objects.</p> <p>I can order objects by size.</p> <p>I can use comparing words.</p> <p>I can pair up sets of objects.</p> <p>I can order objects according to length.</p> <p>I order objects according to weight.</p>
<p>UNIT 4: COUNTING AND NUMBERS 0 TO 10</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can compose numbers through 5.</p> <p>I can decompose numbers through 5.</p> <p>I can count using one-to-one correspondence.</p> <p>I can pair number names with numerals.</p> <p>I can order numbers 0 to 10.</p> <p>I can understand the concept of one more.</p> <p>I can understand that fingers can represent a set of objects up to 5.</p> <p>I can understand that fingers and toes can represent a set of objects up to 20.</p>

# Kindergarten Mathematics Learning Targets By Unit

		<p>I can determine one more.</p> <p>I can understand and show the meaning of same and more.</p> <p>I can understand how many more.</p> <p>I can understand and show the meaning of less and fewer.</p> <p>I can use more or less to compare number values.</p>
<p>UNIT 5: SIZE AND POSITION</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p> <p>CC.2.3.K.A.1 Identify and describe two- and three-dimensional shapes.</p> <p>CC.2.4.K.A.1 Describe and compare attributes of length, area, weight, and capacity of everyday objects.</p> <p>CC.2.4.K.A.4 Classify objects and count the number of objects in each category.</p>	<p>I can make size comparisons using big and small.</p> <p>I can understand the concept of same sized objects.</p> <p>I can explore the idea that only a few big objects fit into small spaces and many small objects fit into big spaces.</p> <p>I can identify positions of objects in space.</p> <p>I can use appropriate language to describe and compare.</p> <p>I can use language such as before or after to describe relative position in a sequence of events</p>
<p>UNIT 6: NUMBERS 0 TO 20</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can recognize numbers 0 to 9.</p> <p>I can count to 10.</p> <p>I can read and write the numeral 10.</p> <p>I can rote count to 20.</p> <p>I can count from 10 to 12.</p> <p>I can read and write the numerals 10 to 12.</p> <p>I can count from 13 to 16.</p> <p>I can read and write the numerals 13 to 16.</p> <p>I can count from 17 to 20.</p> <p>I can read and write the numerals 17 to 20.</p> <p>I can compare groups of up to 20 objects.</p> <p>I can order groups of up to 20 objects.</p>
<p>UNIT 7: SOLID AND FLAT SHAPES</p>	<p>CC.2.3.K.A.1 Identify and describe two- and three-dimensional shapes.</p> <p>CC.2.3.K.A.2 Analyze, compare, create, and compose two- and three-dimensional shapes.</p>	<p>I can recognize and name basic solid shapes.</p> <p>I can understand that some shapes have flat faces, edges, and corners and some do not.</p> <p>I can describe basic solid and flat shapes.</p> <p>I can name basic flat shapes.</p> <p>I can recognize the relationship between solid shapes and flat shapes.</p> <p>I can draw flat shapes.</p> <p>I can understand big and small.</p> <p>I can identify basic flat shapes within a scene.</p> <p>I can make a picture using basic flat shapes.</p> <p>I can identify and extend a shape pattern.</p>
<p>UNIT 8: NUMBERS TO 100</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of</p>	<p>I can recognize and use pairs for counting.</p> <p>I can count by 2s.</p> <p>I can use the counting by 2s sequence to count up to 20 objects.</p>

# Kindergarten Mathematics Learning Targets By Unit

	objects.	<p>I can count by 5s up to 20.</p> <p>I can keep count of numbers using tallies.</p> <p>I can count to 100.</p> <p>I can count by 10s.</p> <p>I can count to 49.</p> <p>I can count from any given number to 49.</p> <p>I can count to 79.</p> <p>I can count from any given number to 79.</p> <p>I can count to 100.</p> <p>I can count from any given number to 100.</p> <p>I can sequence numbers from 1 to 100.</p>
UNIT 9: COMPARING SETS	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can compare sets of up to 10 objects.</p> <p>I can understand fewer and less.</p> <p>I can understand more.</p> <p>I can recognize and understand number trains.</p> <p>I can compare sets of up to 20 objects.</p> <p>I can understand most and fewest.</p> <p>I can count the difference through comparing sets in one-to-one correspondence.</p> <p>I can count on.</p> <p>I can add using number trains.</p> <p>I can count on using fingers.</p>
UNIT 10: COUNTING ON AND COUNTING BACK	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can associate fingers with numbers.</p> <p>I can order numbers to 10.</p> <p>I can compare sets using one-to-one correspondence.</p> <p>I can count back using fingers.</p> <p>I can count back using other representations.</p> <p>I can understand more and fewer.</p> <p>I can count up and back to find the difference between two sets.</p>
UNIT 11: NUMBER FACTS	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p> <p>CC.2.1.K.B.1 Use place value to compose and decompose numbers within 19.</p>	<p>I can compose and decompose numbers through 5.</p> <p>I can compose numbers through 10.</p> <p>I can decompose numbers through 10.</p> <p>I can combine sets to make 5, 6, 7, 8, 9, and 10.</p> <p>I can compose numbers to 20 with five-frames and ten-frames.</p> <p>I can decompose numbers to 20 with five-frames and ten-frames.</p> <p>I can count on using a number line.</p> <p>I can count on to find the difference.</p> <p>I can combine two sets to find how many more for sums through 15.</p>

# Kindergarten Mathematics Learning Targets By Unit

<p>UNIT 12: LENGTH AND HEIGHT</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence. CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects. CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10. CC.2.4.K.A.1 Describe and compare attributes of length, area, weight, and capacity of everyday objects.</p>	<p>I can understand long, short, longer, longest, shorter, and shortest. I can compare lengths. I can use nonstandard units to measure and compare lengths. I can understand that more units are needed to measure a longer object than a shorter object. I can find differences in lengths using nonstandard units. I can understand tallest and shortest in terms of height. I can use nonstandard units to measure and compare heights. I can understand that more units are needed to measure a taller object than a shorter object.</p>
<p>UNIT 13: CLASSIFYING AND SORTING</p>	<p>CC.2.3.K.A.1 Identify and describe two- and three- dimensional shapes. CC.2.4.K.A.1 Describe and compare attributes of length, area, weight, and capacity of everyday objects. CC.2.4.K.A.4 Classify objects and count the number of objects in each category.</p>	<p>I can classify objects using one attribute. (color, size, shape, special features) I can identify objects that do not belong to a set. I can classify objects according to two attributes. I can classify objects according to three attributes. I can sort objects by one or two attributes. (color, size, shape, and special features)</p>
<p>UNIT 14: ADDITION STORIES</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence. CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects. CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can understand addition as the joining of two sets. I can understand symbols + and =, and number sentence. I can use symbols and numerals to write number sentences. I can represent addition stories with addition sentences. I can demonstrate fluency with addition facts to 5.</p>
<p>UNIT 15: SUBTRACTION STORIES</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence. CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects. CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities. CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can understand simple subtraction. I can understand the minus - symbol. I can use symbols and numerals to write number sentences. I can represent subtraction stories with subtraction sentences. I can understand how many more. I can compare two sets and show the number sentence to answer how many more. I can demonstrate fluency with subtraction facts to 5.</p>
<p>UNIT 16: MEASUREMENT</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence. CC.2.1.K.A.3 Apply the concept of magnitude to compare numbers and quantities. CC.2.4.K.A.1 Describe and compare attributes of length, area, weight, and capacity of everyday objects.</p>	<p>I can understand heavy, heavier, light, and lighter. I can compare weights using nonstandard units. I can compare containers according to capacity. I can use the terms holds more, holds less, and hold the same amount. I can compare events according to duration.</p>

# Kindergarten Mathematics Learning Targets By Unit

<p>UNIT 17: MONEY</p>	<p>CC.2.1.K.A.1 Know number names and write and recite the count sequence.</p> <p>CC.2.1.K.A.2 Apply one-to-one correspondence to count the number of objects.</p> <p>CC.2.2.K.A.1 Extend the concepts of putting together and taking apart to add and subtract within 10.</p>	<p>I can identify penny, nickel, dime, and quarter.</p> <p>I can identify the value of a penny, nickel, dime, and quarter.</p> <p>I can add coins up to 10 cents.</p> <p>I can use 1 cent coins to buy up to three objects (up to 10 cents).</p> <p>I can recognize different combinations of coins that make up to 10 cents.</p>
---------------------------	--	---