

Common Core Math Curriculum Map

JUNCTION CITY SCHOOL DISTRICT - KINDERGARTEN MATH
2012 - 2013

Module 1 - Math		Start: 8/20/2012	Teaching Days: 22	Test: 9/20/2012 (No TLI Test)
Common Core Standard				Materials / References
Know number names and the count sequence				
K.CC.1	Count to 100 by ones and by tens.			
K.CC.2	Count forward beginning from a given number within the known sequence (instead of having to begin at 1).			
Count to tell the number of objects				
K.CC.3	Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).			
K.CC.4 *	Understand the relationship between numbers and quantities; connect counting to cardinality.			
	a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.			
	b. Understand 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.			
	c. Understand that each successive number name refers to a quantity that is one larger.			
Identify and describe shapes				
K.G.1	Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to.			
K.G.2	Correctly name shapes regardless of their orientations or overall size.			
K.G.3	Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").			
Your district requested not to receive a test from TLI for this assessment. If this should not be the case, please contact the appropriate TLI curriculum specialist.				
* 0/20 available questions				End of Module 1

* Indicates a Common Core standard has been broken into smaller areas of emphasis. For the given module, only the listed areas of emphasis are to be covered and/or assessed.

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Module 2 - Math		Start: 9/21/2012	Teaching Days: 21	Test: 10/22/2012 (No TLI Test)
Common Core Standard				Materials / References
Count to tell the number of objects				
K.CC.5	Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.			
Compare numbers				
K.CC.6	Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies. (Include groups with up to ten objects)			
K.CC.7	Compare two numbers between 1 and 10 presented as written numerals.			
Classify objects and count the number of objects in categories				
K.MD.3	Classify objects into given categories; count the numbers of objects (less than or equal to 10) in each category and sort the categories by count.			
Your district requested not to receive a test from TLI for this assessment. If this should not be the case, please contact the appropriate TLI curriculum specialist.				
* 0/20 available questions				End of Module 2

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JUNCTION CITY SCHOOL DISTRICT - KINDERGARTEN MATH
2012 - 2013

Module 3 - Math		Start: 10/23/2012	Teaching Days: 17	Test: 11/15/2012 (No TLI Test)
Common Core Standard				Materials / References
Know number names and the count sequence				
K.CC.1	Count to 100 by ones and by tens.			
Count to tell the number of objects				
K.CC.3	Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).			
K.CC.4 *	Understand the relationship between numbers and quantities; connect counting to cardinality.			
	a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.			
	b. Understand 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.			
	c. Understand that each successive number name refers to a quantity that is one larger.			
K.CC.5	Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.			
Work with numbers 11-19 to gain foundations for place value				
K.NBT.1	Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.			
Your district requested not to receive a test from TLI for this assessment. If this should not be the case, please contact the appropriate TLI curriculum specialist.				
* 0/20 available questions				End of Module 3

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JUNCTION CITY SCHOOL DISTRICT - KINDERGARTEN MATH
2012 - 2013

Module 4 - Math		Start: 11/16/2012	Teaching Days: 19	Test: 12/18/2012 (No TLI Test)
Common Core Standard				Materials / References
Know number names and the count sequence				
K.CC.2	Count forward beginning from a given number within the known sequence (instead of having to begin at 1).			
Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from				
K.OA.1 *	Represent addition and subtraction with objects, fingers, mental images, drawings (details not needed), sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.			
	(A). Addition			
K.OA.2 *	Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.			
	(A). Addition			
K.OA.3	Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., $5 = 2 + 3$ and $5 = 4 + 1$).			
K.OA.4	For any number from 1 to 9, find the number that makes 10 when added to the given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.			
K.OA.5	Fluently add and subtract within 5.			
Your district requested not to receive a test from TLI for this assessment. If this should not be the case, please contact the appropriate TLI curriculum specialist.				
* 0/20 available questions				End of Module 4

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Module 5 - Math		Start: 12/19/2012	Teaching Days: 23	Test: 2/5/2013 (No TLI Test)
Common Core Standard				Materials / References
Compare numbers				
K.CC.6	Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies. (Include groups with up to ten objects)			
K.CC.7	Compare two numbers between 1 and 10 presented as written numerals.			
Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from				
K.OA.1 *	Represent addition and subtraction with objects, fingers, mental images, drawings (details not needed), sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.			
	(A). Addition			
	(B). Subtraction			
K.OA.2 *	Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.			
	(A). Addition			
	(B). Subtraction			
Describe and compare measurable attributes				
K.MD.1	Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.			
K.MD.2	Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.			
Classify objects and count the number of objects in categories				
K.MD.3	Classify objects into given categories; count the numbers of objects (less than or equal to 10) in each category and sort the categories by count.			
Your district requested not to receive a test from TLI for this assessment. If this should not be the case, please contact the appropriate TLI curriculum specialist.				
* 0/20 available questions				End of Module 5

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Module 6 - Math		Start: 2/6/2013	Teaching Days: 20	Test: 3/7/2013 (No TLI Test)
Common Core Standard				Materials / References
Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from				
K.OA.1 *	Represent addition and subtraction with objects, fingers, mental images, drawings (details not needed), sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.			
	(B). Subtraction			
K.OA.2 *	Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.			
	(B). Subtraction			
Describe and compare measurable attributes				
K.MD.2	Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.			
Identify and describe shapes				
K.G.1	Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to.			
K.G.2	Correctly name shapes regardless of their orientations or overall size.			
K.G.3	Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").			
Analyze, compare, create, and compose shapes				
K.G.4	Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).			
K.G.5	Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.			
K.G.6	Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?"			
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* 0/20 available questions				End of Module 6

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Module 7 - Math		Start: 3/8/2013	Teaching Days: 31	Test: 5/1/2013 (No TLI Test)
Common Core Standard			Materials / References	
Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from				
K.OA.3	Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., $5 = 2 + 3$ and $5 = 4 + 1$).			
K.OA.4	For any number from 1 to 9, find the number that makes 10 when added to the given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.			
K.OA.5	Fluently add and subtract within 5.			
Work with numbers 11-19 to gain foundations for place value				
K.NBT.1	Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.			
Describe and compare measurable attributes				
K.MD.1	Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.			
Analyze, compare, create, and compose shapes				
K.G.4	Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).			
K.G.5	Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.			
K.G.6	Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?"			
Your district requested not to receive a test from TLI for this assessment. If this should not be the case, please contact the appropriate TLI curriculum specialist.				
* 0/20 available questions				End of Module 7

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