

Course Description:

This Kindergarten Math course will help students gain fluency in counting, recognize numbers and patterns, compare and contrast objects and shapes, and use money. All Common Core Kindergarten Math standards are met in this course.

Module	Activity Type	Title	Objectives	Assessments
1	Lesson	Days of the Week	<ul style="list-style-type: none"> Recognize time words: morning, afternoon, evening and night. Name the days of the week in order. 	
	Lesson	Lesson: Position	<ul style="list-style-type: none"> Recognize and use position words: above, below, beside, in front of, behind, next to, left and right. 	<ul style="list-style-type: none"> Position Words Worksheets
	IXL Online Practice	Position Words 1 Position Words 2 Position Words 3	<ul style="list-style-type: none"> Recognize and use position words: inside and outside, left right, between and middle. Recognize and use position words: above, below, beside, in front of, behind, next to, left and right. 	<ul style="list-style-type: none"> Module 1 Quiz Module 1 Synchronous Session Module 1 Online Practice
2	Lesson	Compare Sizes	<ul style="list-style-type: none"> Compare two items to determine longer or shorter. Compare two items to determine taller or shorter. Compare two items to determine if they are light or heavy. Identify which of 3 items is different from others in set. 	<ul style="list-style-type: none"> Compare Sizes Three Worksheets

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	IXL Online Practice	Longer or Shorter	<ul style="list-style-type: none"> Compare two items to determine longer or shorter. 	
	IXL Online Practice	Taller or Shorter	<ul style="list-style-type: none"> Compare two items to determine taller or shorter. 	
	IXL Online Practice	Lighter or Heavier	<ul style="list-style-type: none"> Compare two items to determine if they are light or heavy 	
	Lesson	Sets	<ul style="list-style-type: none"> Identify which of 3 items is different from others in set. 	
	Lesson	Count and Write to 3	<ul style="list-style-type: none"> Write and say the numbers 1-3 in order. 	<ul style="list-style-type: none"> Count and Write to Three Worksheet Module 2 Quiz Module 2 Synchronous Session Module 2 Online Practice
3	IXL Online Practice	Count to 3	<ul style="list-style-type: none"> Count to 3. 	<ul style="list-style-type: none"> Count to Three Worksheets
	Lesson	Shapes and Their Position	<ul style="list-style-type: none"> Describe 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. 	
	IXL Online Practice	Patterns	<ul style="list-style-type: none"> Notice repetitive actions in geometry, counting, and comparing. Copy a pattern of shapes. 	
	Lesson	The Shape of It	<ul style="list-style-type: none"> Create basic shapes with string (circle, square, triangle, and rectangle). 	<ul style="list-style-type: none"> Pattern Cut Outs Activity Make a Wind Chime
	Lesson	Patterns	<ul style="list-style-type: none"> Copy a pattern. 	<ul style="list-style-type: none"> Module 3 Quiz

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				<ul style="list-style-type: none"> Module 3 Synchronous Session Module 3 Online Practice
4	IXL Online Practice	Count Sides and Corners Compare Sides and Corners	<ul style="list-style-type: none"> Count and compare sides and corners. 	
	Lesson	Find the Fake	<ul style="list-style-type: none"> Identify which of 3 items is unique. 	
	IXL Online Practice	Count to 5	<ul style="list-style-type: none"> Count to 5. 	
	Lesson	Use Your Fingers to Count to 5	<ul style="list-style-type: none"> Count and show numbers 0 - 5 with fingers. 	<ul style="list-style-type: none"> Count the Letters 0-5 Worksheet
	Lesson	Circle and Count to 5	<ul style="list-style-type: none"> Circle 1 to 5 items in a set. (Understand that the last number name said tells the number of objects counted.) 	<ul style="list-style-type: none"> Count the Fish Worksheet Module 4 Quiz Module 4 Synchronous Session Module 4 Online Practice
5	IXL Online Practice	Classify by Color	<ul style="list-style-type: none"> Classify by color. 	
	Lesson	Sorting by Grouping	<ul style="list-style-type: none"> Compare two objects with a measurable attribute in common. Classify by color and size. 	<ul style="list-style-type: none"> Compare Sizes: Color the Fruit Worksheet
	Lesson	Basic Measures	<ul style="list-style-type: none"> Measure in length in inches. Describe measurable attributes of objects, such as length. 	<ul style="list-style-type: none"> Basic Measures Worksheet
	Lesson	Biggest Set	<ul style="list-style-type: none"> Identify a set with the most items by using matching and counting strategies. 	<ul style="list-style-type: none"> Color by Number (to 10) Module 5 Quiz Module 5 Synchronous Session Module 5 Online Practice

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6	IXL Online Practice	Classify by Color	<ul style="list-style-type: none"> Classify, sort and count objects up to 5. Circle an object that does not belong in a set. 	
	Lesson	Sort and Classify	<ul style="list-style-type: none"> Compare attributes of shapes in the environment: length and size. 	<ul style="list-style-type: none"> Sort Vehicles Worksheet Count and Classify Shapes Worksheet
	Lesson	Which is Different	<ul style="list-style-type: none"> Circle any item that is different. Compare objects with a measurable attribute in common. 	<ul style="list-style-type: none"> Which is Tallest? Worksheet Module 6 Quiz Module 6 Synchronous Session Module 6 Online Practice Benchmark
7	Lesson	Count from 0 to 3	<ul style="list-style-type: none"> Write the numbers from 0 to 3. Recognize numerals 0 - 3. 	
	IXL Online Practice	Represent Numbers Up to 3	<ul style="list-style-type: none"> Pair each object when counting with one number name. 	
	Lesson	Smallest or Biggest	<ul style="list-style-type: none"> Number shapes from smallest to largest. 	<ul style="list-style-type: none"> Smallest to Biggest Chess Worksheet
	Lesson	Position Words: Before and After	<ul style="list-style-type: none"> Use the position words before and after, in front and behind in stories. 	<ul style="list-style-type: none"> Matching Number Quantities 0 – 6 Worksheet Module 7 Quiz Module 7 Synchronous Session Module 7 Online Practice
8	Lesson	The Number 6	<ul style="list-style-type: none"> Write the number 6. Count to 6. Finger paint numbers 1 to 6. 	<ul style="list-style-type: none"> Happy Hamsters Worksheet
	Lesson	Matching Set	<ul style="list-style-type: none"> Match a set of objects to a set with an equal number of objects. 	<ul style="list-style-type: none"> Count and Draw: Matching Worksheet

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Module	Activity Type	Title	Objectives	Assessments
	IXL Online Practice	Compare Size, Weight, and Capacity	<ul style="list-style-type: none"> Circle fewer, equal, or more of a number of a given set than another set. 	<ul style="list-style-type: none"> Module 8 Quiz Module 8 Synchronous Session Module 8 Online Practice
9	Lesson	Picture Graphs	<ul style="list-style-type: none"> Create picture graphs. 	<ul style="list-style-type: none"> Create a Hat Picture Graph Worksheet
	Lesson	Hopscotch to 6!	<ul style="list-style-type: none"> Find a path counting up from 0 to 6. 	
	IXL Online Practice	Measure Length Using Objects	<ul style="list-style-type: none"> Measure using objects. 	
	Lesson	Count to 7!	<ul style="list-style-type: none"> Write the number 7. Count to 7. 	<ul style="list-style-type: none"> Count & Classify Animals Worksheet Module 9 Quiz Module 9 Synchronous Session Module 9 Online Practice
10	IXL Online Practice	Add One to a Set	<ul style="list-style-type: none"> Add one to a set of objects to make it equal to another set. 	
	IXL Online Practice	Identify Shapes	<ul style="list-style-type: none"> Identify shapes. 	
	Lesson	Capacity	<ul style="list-style-type: none"> Fill larger containers using smaller containers of varying sizes. 	<ul style="list-style-type: none"> Container Capacity Worksheet Number Match Up Worksheet
	Lesson	Ordinal Numbers 1-5	<ul style="list-style-type: none"> Recognize and use the ordinals first through seventh. 	<ul style="list-style-type: none"> Ordinal Numbers Worksheet Module 10 Quiz Module 10 Synchronous Session Module 10 Online Practice
11	Lesson	Count to 8!	<ul style="list-style-type: none"> Write the number 8. Count to 8. 	
	Lesson	Less and More	<ul style="list-style-type: none"> Compare two objects with a measurable attribute in common, to see which object 	

Module	Activity Type	Title	Objectives	Assessments
			has "more of"/"less of" the attribute.	
	IXL Online Practice	More or Less	<ul style="list-style-type: none"> Compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute. 	
	IXL Online Practice	Identify Shapes	<ul style="list-style-type: none"> Identify shapes. 	
	Lesson	Count to 9!	<ul style="list-style-type: none"> Write the number 9. Count to 9. 	<ul style="list-style-type: none"> The Number Nine Worksheet
	IXL Online Practice	Identify Objects with the Same Shape	<ul style="list-style-type: none"> Identify objects with the same shape. 	<ul style="list-style-type: none"> Module 11 Quiz Module 11 Synchronous Session Module 11 Online Practice
12	Lesson	More or Fewer	<ul style="list-style-type: none"> Select a set with the most or fewest items. Count the items in each category and sort the categories by count. 	<ul style="list-style-type: none"> Colored Eggs Worksheet
	IXL Online Practice	More or Fewer	<ul style="list-style-type: none"> Select a set with the most or fewest items. Count the items in each category and sort the categories by count. 	
	IXL Online Practice	Classify and Sort	<ul style="list-style-type: none"> Classify objects by category, count them and sort the categories by count. 	<ul style="list-style-type: none"> Counting Sets Worksheet Sorting Two Groups Worksheet Module 12 Quiz Module 12 Synchronous Session Module 12 Online Practice Benchmark

Module	Activity Type	Title	Objectives	Assessments
13	Lesson	The Number 10	<ul style="list-style-type: none"> Write the number 10. Count to 10. 	
	IXL Online Practice	Count to 10	<ul style="list-style-type: none"> Count 0 - 10 items. 	
	IXL Online Practice	Add to 5	<ul style="list-style-type: none"> Combine two groups to a total of 5. 	
	IXL Online Practice	Add to 10	<ul style="list-style-type: none"> Find the number that makes 10 when added to the given number. 	<ul style="list-style-type: none"> Ice Cream Worksheet
	IXL Online Practice	Representing Numbers to 10 With Pictures	<ul style="list-style-type: none"> Represent numbers to 10 with pictures. 	
	Lesson	The Number Line	<ul style="list-style-type: none"> Create and interact with a number line. 	<ul style="list-style-type: none"> Number Line Adding Worksheet Module 13 Quiz Module 13 Synchronous Session Module 13 Online Practice
14	IXL Online Practice	Count Up with Pictures	<ul style="list-style-type: none"> Create a set with one more item than a given set. 	
	Lesson	Before, After, Between	<ul style="list-style-type: none"> Use a number line for before, after and between. 	
	IXL Online Practice	Before, After, Between	<ul style="list-style-type: none"> Use a number line for before, after and between. 	<ul style="list-style-type: none"> Before, After, Between Worksheet
	IXL Online Practice	Compare Two Numbers	<ul style="list-style-type: none"> Compare two numbers between 1 and 9 presented as written numerals. 	<ul style="list-style-type: none"> Count and Compare (More/Larger) Worksheet
	Lesson	Dare to Compare	<ul style="list-style-type: none"> Identify whether the number of objects in one group is greater than, less than or equal to the number in another group. 	<ul style="list-style-type: none"> Dare to Compare Worksheet Module 14 Quiz Module 14 Synchronous Session Module 14 Online Practice
15	Lesson	The Number 11	<ul style="list-style-type: none"> Write the number 11. Count to 11. 	

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Module	Activity Type	Title	Objectives	Assessments
	IXL Online Practice	Count Up and Down	<ul style="list-style-type: none"> Find a path counting up and down to 10 	
	Lesson	The Penny	<ul style="list-style-type: none"> Recognize pennies and using the cents symbol. 	
	IXL Online Practice	Counting Pennies	<ul style="list-style-type: none"> Count pennies. 	
	IXL Online Practice	Missing Numbers	<ul style="list-style-type: none"> Complete a sequence of numerals to 10 when one is missing. 	
	Lesson	Sorting in Sets	<ul style="list-style-type: none"> Circle an item that shares the characteristics of a given set. 	<ul style="list-style-type: none"> Sets Worksheet Complete the Sequence: Bugs Worksheet Module 15 Quiz Module 15 Synchronous Session Module 15 Online Practice
16	IXL Online Practice	Skip Counting	<ul style="list-style-type: none"> Skip count by 2's and 5's 	
	IXL Online Practice	Count Pennies and Nickels	<ul style="list-style-type: none"> Recognize and add nickels. 	
	Lesson	The Nickel	<ul style="list-style-type: none"> Recognize and add nickels. 	<ul style="list-style-type: none"> Nickels Worksheet
	Lesson	Adding by One	<ul style="list-style-type: none"> Calculate the total when 1 is added to a given set. 	<ul style="list-style-type: none"> Apples to Apples Worksheet
	Lesson	The Ten Frame	<ul style="list-style-type: none"> Use a ten frame. 	<ul style="list-style-type: none"> The Ten Frame Worksheet
	Lesson	Picture Patterns	<ul style="list-style-type: none"> Copy a pattern of pictures. 	<ul style="list-style-type: none"> Picture Patterns Worksheet Module 16 Quiz Module 16 Synchronous Session Module 16 Online Practice
	Lesson	Measuring Time	<ul style="list-style-type: none"> Keep track of time: clocks 	<ul style="list-style-type: none"> Make a Calendar Worksheet

Module	Activity Type	Title	Objectives	Assessments
17	Lesson	First, Next, and Last	<ul style="list-style-type: none"> Put things in order and use position words (first, next, last) 	<ul style="list-style-type: none"> First, Next, and Last Worksheet
	Lesson	Fewer or More	<ul style="list-style-type: none"> Identify a set with equal, some, many, few, more, and less. Classify pairs as same or different. 	<ul style="list-style-type: none"> Fewer, More, Less Worksheet
	Lesson	The Hour	<ul style="list-style-type: none"> Tell time on the hour using an analog clock. 	<ul style="list-style-type: none"> Telling Time, Hours Worksheet
	IXL Online Practice	Reading Clocks	<ul style="list-style-type: none"> Tell time on the hour using an analog clock. 	
	Lesson	Fluency with Numbers	<ul style="list-style-type: none"> Use ten frames to gain fluency in numbers 0 to 10. 	<ul style="list-style-type: none"> Module 17 Quiz Module 17 Synchronous Session Module 17 Online Practice
18	Lesson	The Number 12	<ul style="list-style-type: none"> Write the number 12. Count to 12. Use the word "dozen". 	
	IXL Online Practice	Matching Clocks	<ul style="list-style-type: none"> Tell time on the hour using a digital clock. 	
	Lesson	Add to 6	<ul style="list-style-type: none"> Combine two groups to total 6. 	<ul style="list-style-type: none"> Add to 6 Worksheet
	IXL Online Practice	Find the Missing Number on the Number Line	<ul style="list-style-type: none"> Find a given number on the number line. 	<ul style="list-style-type: none"> Module 18 Quiz Module 18 Synchronous Session Module 18 Online Practice Benchmark