

Kindergarten Math	First Six Weeks
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Topic	Mathematics Objectives	Sample Essential Questions
Number Sense	1.01a Develop number sense for whole numbers by connecting model, number word (orally) and number 0-10.	How do you show and count numbers? How else can you show ____?
Number Sense	1.01b Develop number sense for whole numbers by counting objects in a set 0-10.	How many objects are in this set?
Measurement (Calendar)	2.02 Recognize concepts of calendar time using appropriate vocabulary for the days of the week and months of the year.	What is today, yesterday, and tomorrow? What comes before ____? What comes after ____?
Geometry	3.01 Identify, build, draw, and name triangles, rectangles, circles, and squares.	Can you name this shape? How would you build this?
Geometry	3.02 Compare and contrast geometric shapes. Identify likenesses and differences. Identify them in the environment.	How is shape like something you see everyday? How do you know that this is a ____?
Geometry	3.03 Model and use directional and positional vocabulary.	What position is the object in?
Geometry	3.04 Complete simple spatial visualization tasks and puzzles.	How do you put puzzles together?

Kindergarten Math

Second Six Weeks

Topic	Mathematics Objectives	Sample Essential Questions
Numbers	1.01c Develop number sense for whole numbers by reading and writing numerals 1-10.	How do you show numbers?
Numbers	1.01b Develop number sense for whole numbers by counting objects in a set 1-10.	How do you count numbers?
Old Objective	Rote count forward to 10 or beyond and backward from 10.	
Measurement (Calendar)	2.02 Recognize concepts of calendar time using appropriate vocabulary for the days of the weeks and months of the year.	What is today, yesterday, and tomorrow? What is the name of the month?
Data Analysis	4.01 Collect and organize data as a group activity.	How do you show the favorite on this graph?
Data Analysis	4.02 Display and describe data with concrete pictorial graphs as a group activity.	What is your favorite ____? What is the most favorite?
Algebra	5.01 Sort and classify objects by one attribute.	What is the rule for this group of objects? What comes next in a given pattern?
Algebra	5.02 Create and extend and describe patterns with actions, words, and objects.	How can you create a pattern with action... etc.? Can you make a pattern with these things?
Geometry	3.04 Complete simple spatial visualization tasks and puzzles.	Can you put this puzzle together? Can you show me where this goes in the puzzle?
Scotland Co. Objective	<i>TBT Count by multiples of 10's.</i>	<i>Can you count by 10's?</i>

Kindergarten Math	Third Six Weeks
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Topic	Mathematics Objectives	Sample Essential Questions
Number Sense	1.01c Develop number sense for reading and writing numerals 0-20 in meaningful contexts.	How do you count? Can you write your numbers?
Old Objective	TBT Count orally to 20 and backwards from 10 and from any given number.	Can you count backwards from 8?
Number Sense	1.01f Develop number sense for whole numbers by estimating quantities fewer than or equal to 10.	How many objects are in this set? How many marbles could be in the jar?
Number Sense	1.01g Develop number sense for whole numbers by recognizing equivalence in sets and numbers 1-10.	How do you show equal groups?
Number Sense	1.01b Develop number sense for whole numbers by counting objects in a set 0-20.	How many things are in the group? How many ways can you show three?
Number Sense	1.01a Develop number sense for whole numbers by connecting model, number word (orally), and number using a variety of representations 0-20.	
Measurement (Calendar)	2.02 Recognize concepts of calendar time using appropriate vocabulary for months of the year and days of the weeks.	What is the month? What is the day before ____?
Algebra	5.02 Create and extend patterns with actions words, and objects.	What comes next in the given pattern?
Geometry	3.04 Complete simple spatial visualization tasks and puzzles.	Can you put this puzzle piece in the right place?
Scotland Co. Objective	<i>TBT Count by multiples of 5's, and 10's.</i>	<i>Can you count by 10's? by 5's?</i>

Kindergarten Math	Fourth Six Weeks
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Topic	Mathematics Objectives	Sample Essential Questions
Measurement	2.01 Use non-standard measurement to compare attributes of two objects using appropriate vocabulary (color, weight, height, width, length, texture, capacity, time to the hour).	How can we measure the ____? What time is it?
Measurement (Calendar)	2.02 Recognize concepts of calendar time using appropriate vocabulary for the days of the week, months of the year, and seasons.	What is the weather like in winter? What season comes before Spring?
Geometry	3.01 Identify, build, and name spheres and cubes.	Can you pick out the spheres? Where are the cubes in this room?
Number Sense	1.01a Develop number sense by connecting a model, a number word (orally), and a number using a variety of representations 0-30.	Can you show me 23 bears?
Number Sense	1.01b Develop number sense by counting objects in a set 0-30.	How many bears are in this set?
Number Sense	1.01c Develop number sense by reading and writing numerals 0-30.	How do you write 10?
Number Sense	1.01d Develop number sense by comparing and ordering sets and numbers 0-30.	How many bears and how many dogs are in this set?
Geometry	3.04 Complete simple spatial visualization tasks and puzzles.	Can you put this puzzle together?
Algebra	5.02 Create and extend patterns with actions, words, and objects.	Can you make a pattern with the bears and the ducks?
<i>Scotland Co. Objectives</i>	<i>Count by multiples of 2's, 5's, and 10's.</i>	<i>Can you count by 10's? by 2's and by 5's?</i>

Kindergarten Math

Fifth Six Weeks

Topic	Mathematics Objectives	Sample Essential Questions
Number Sense	1.01c Develop number sense by reading and writing numerals 0-30.	Write numbers 10-30.
Old Objective	Create and identify sets with more, less, or equal.	Which groups have the same amounts or are equal?
Number Sense	1.01e Develop number sense by using ordinal numbers 1 st – 10 th .	What place in the object in?
Number Sense	1.02 Share equally (divide) between two people; explain.	How do you share equally?
Number Sense	1.03 Solve problems and share solutions to problems in small groups.	How would you make these alike/equal?
Old Objective	Combine and remove objects from set, describe results.	What happens when you put two objects together?
Measurement	2.01 Compare attributes of two objects using appropriate vocabulary (color, weight, height, width, length, texture).	How long is it? How much does it weigh?
<i>Scotland Co. Objective</i>	<i>Recognize and value money – penny, nickel and dime.</i>	<i>What is this coin? How much is it worth?</i>
<i>Scotland Co. Objective</i>	<i>Count by multiples of 2's , 5's, and 10's.</i>	<i>Can you count by 10's? Can you count by 2's, and 5's?</i>

Kindergarten Math	Sixth Six Weeks
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Topic	Mathematics Objectives	Sample Essential Questions
Data Analysis	4.01 Collect, organize, and display data as a group activity.	What is your favorite thing to do at school?
	4.02 Display and describe data with concrete and pictorial graphs as a group activity.	
Number Sense	1.01f Develop number sense by estimating quantities fewer than or equal to 10.	Are there less/more than 10 in this group?
Number Sense	1.01g Develop number sense by recognizing equivalence in sets and numbers 1 – 10.	How many less than 10?
Number Sense	1.03 Solve problems and share solutions to problems in small groups.	How can we fix this problem? What are some ways that we can solve this group problem?
Measurement	2.01 Compare attributes of two objects using appropriate vocabulary (color, weight, height, width, length, texture).	What does this feel like?
Geometry	3.04 Complete simple spatial visualization tasks and puzzles.	Can you put this puzzle together?
Geometry	3.02 Compare and contrast geometric shapes. Identify likenesses And differences and identify them in the environment.	How are these alike? How are they different? Where is this shape in our room?
<i>Scotland Co. Objective</i>	<i>Count by multiples of 2's, 5's and 10's.</i>	<i>Can you count by 2's, 5's, and 10's?</i>