Math Support for Parents

Kindergarten Module 4 Resources   *Note: Teachers may choose to skip certain lessons throughout the year.

Module 4	Number Pairs, Addition, and Subtraction to 10	Eureka Math Program
❏ Ohio Standards	❏ Module 4 Student Homework Pages (Homework is not assigned in Kindergarten) ❏ Module 4 Student Instructional Pages	❏ Curriculum Map ❏ Curriculum Overview

Standards	Topic A: Compositions and Decompositions of 2, 3, 4, and 5	Additional Module 4 Resources
K.OA.1 **K.OA.3** **K.OA.5**	❏ **Parent Tips for This Topic**	**Additional Module 4 Resources**
	Lesson 1: Model composition and decomposition of numbers to 5 using actions, objects, and drawings.. ❏ Kristin Arwood Video	**Digital Support** ❏ **DreamBox** - Login through Clever **Videos: Module 4 Fluency Options** ❏ Number Bonds to 1
	Lesson 2: Model composition and decomposition of numbers to 5 using fingers and linking cube sticks. ❏ Kristin Arwood Video	❏ Number Bonds to 2 ❏ Number Bonds to 3 ❏ Number Bonds to 4
	Lesson 3: Represent composition story situations with drawings using numeric number bonds. ❏ Kristin Arwood Video	❏ Number Bonds to 5 ❏ Number Bonds to 6 ❏ Number Bonds to 7
	Lesson 4: Represent decomposition story situations with drawings using numeric number bonds. ❏ Kristin Arwood Video	❏ Number Bonds to 8 ❏ Number Bonds to 9 ❏ Number Bonds to 10
	Lesson 5: Represent composition and decomposition of numbers to 5 using pictorial and numeric number bonds. ❏ Kristin Arwood Video	❏ Number Bonds to 10 w DJ ❏ Adding and Subtracting ❏ Addition Song for Kids ❏ I Can Add Doubles 1-5
	Lesson 6: Represent number bonds with composition and decomposition of story situations. ❏ Kristin Arwood Videos	❏ When You Add with a Pirate ❏ Subtraction Song for Kids ❏ When You Subtract with a Pirate
Standards **K.OA.3** K.OA.1 K.OA.4	**Topic B: Decompositions of 6, 7, and 8 into Number Pairs** ❏ **Parent Tips for This Topic**	**Videos: Count to 100 Fluency Options** ❏ Count to 100 Song
	Lesson 7: Model decompositions of 6 using a story situation, objects, and number bonds. ❏ Kristin Arwood Video for Teachers and Students	❏ Count to 100 Let's Get Fit ❏ Count to 100 Let's Get Fit v3 ❏ Cowboy Count to 100
	Lesson 8: Model decompositions of 7 using a story situation, sets, and number bonds.	

	❏ [Kristin Arwood Video for Teachers and Student](#)	❏ [Welcome to the Zoo Count to 100](#)
	Lesson 9: Model decompositions of 8 using a story situation, arrays, and number bonds. ❏ [Kristin Arwood Video for Teachers and Students](#)	**Videos: Review Fluency Options** ❏ (3) [Alligator Chomp (patterns)](#) ❏ (3) [Alligator Chomp (< >)](#)
	Lesson 10: Model decompositions of 6-8 using linking cube sticks to see patterns. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [Count to 10 Chicken](#) ❏ (1) [Numbers Song](#) ❏ (1) [Subitize Rap to 5](#)
	Lesson 11: Represent decompositions for 6-8 using linking cube sticks to see patterns. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [Subitize Rock (to 10)](#) ❏ (1) [Subitize Rap to 10](#) ❏ (1) [Teen Numbers Song](#)
	Lesson 12: Use 5-groups to represent the 5 + n pattern to 8. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [Teen Numbers Hip Hop](#) ❏ (1) [Numbers in the Teens](#) ❏ (1) [Count to 20](#)
Standards **K.OA.1** **K.OA.2** K.OA.3 K.OA.4	**Topic C: Addition with Totals of 6, 7, and 8** ❏ **[Parent Tips for This Topic](#)**	❏ (1) [I Can Show Numbers Many Ways](#) ❏ (1) [Number Pairs to 1](#) ❏ (1) [Number Pairs to 2](#)
	Lesson 13: Represent decomposition and composition addition stories to 6 with drawings and equations with no unknown. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [Number Pairs to 3](#) ❏ (1) [Number Pairs to 4](#) ❏ (1) [Number Pairs to 5](#)
	Lesson 14: Represent decomposition and composition addition stories to 7 with drawings and equations with no unknown. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [Number Pairs to 6](#) ❏ (1) [Number Pairs to 7](#) ❏ (1) [Number Pairs to 8](#)
	Lesson 15: Represent decomposition and composition addition stories to 8 with drawings and equations with no unknown. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [Number Pairs to 9](#) ❏ (1) [Number Pairs to 10](#) ❏ (1) [Numbers to 10](#)
	Lesson 16: Solve *add to with result unknown* word problems to 8 with equations. Box the unknown. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ (1) [One More (1-10)](#) ❏ (1) [One Less (1-10)](#) ❏ (1) [One More Number (to 10, open)](#) ❏ (1) [One Less Number (to 10, open)](#)
	Lesson 17: Solve *put together with total unknown* word problems to 8 using objects and drawings. ❏ [Kristin Arwood Video for Teachers and Students](#)	**Home activities** ❏ Write your name and a family member's name. How many letters are in your name?
	Lesson 18: Solve *both addends unknown* word problems to 8 to find addition patterns in number pairs.. ❏ [Kristin Arwood Video for Teachers and Students](#)	❏ How many are in your family member's name? Which name has more?
Standards **K.OA.1** **K.OA.2** **K.OA.3**	**Topic D: Subtractions from Numbers to 8** ❏ **[Parent Tips for This Topic](#)**	❏ Look through a store ad. Cut out numbers 0-20. Put the numbers in order from least to greatest.
	Lesson 19: Use objects and drawings to find how many are left. ❏ [Kristin Arwood Video for Teachers and Students](#)	
	Lesson 20: Solve take from with result unknown expressions and equations using the minus	

	sign with no unknown. ❏ Kristin Arwood Video for Teachers and Students	❏ How old are you now? Subtract one from that number and record it. Add 3 to that number and record it.
	Lesson 21: Represent subtraction story problems using objects, drawings, expressions, and equations. ❏ Kristin Arwood Video for Teachers and Students	❏ Count backwards from 100. Skip count to 100 by 10s. Which took longer? Write your answer.
	Lesson 22: Decompose the number 6 using 5-group drawings by breaking off or removing a part, and record each decomposition with a drawing and subtraction equation.. ❏ Kristin Arwood Video for Teachers and Students	❏ Go outside and find two clovers. Write an equation to show how many leaves are on both clovers.
	Lesson 23: Decompose the number 7 using 5-group drawings by hiding a part, and record each decomposition with a drawing and subtraction equation. ❏ Kristin Arwood Video for Teachers and Students	❏ Use some fruit to solve the following problem: Ken has 5 bananas in a bunch. He eats some. There are 3 left. How many bananas did he eat?
	Lesson 24: Decompose the number 8 using 5-group drawings and crossing off a part, and record each decomposition with a drawing and subtraction equation. ❏ Kristin Arwood Video for Teachers and Students	
Standards K.OA.3	**Topic E: Decompositions of 9 into Number Pairs** ❏ **Parent Tips for This Topic**	❏ Ben had 4 chairs at his kitchen table in the morning. After school there was only 1 chair at the kitchen table. How many chairs are missing?
	Lesson 25: Model decompositions of 9 using a story situation, objects, and number bonds. ❏ Kristin Arwood Video for Teachers and Students	
	Lesson 26: Model decompositions of 9 using fingers, linking cubes, and number bonds. ❏ Kristin Arwood Video for Teachers and Students	
	Lesson 27: Model decompositions of 10 using a story situation, objects and number bonds. ❏ Kristin Arwood Video for Teachers and Students	
	Lesson 28: Model decompositions of 10 using fingers, sets, linking cubes, and number bonds. ❏ Kristin Arwood Video for Teachers and Students	
Standards K.OA.2	**Topic F: Addition with Totals of 9 and 10** ❏ **Parent Tips for This Topic**	
	Lesson 29: Represent pictorial decomposition and composition addition stories to 9 with 5-group drawings and equations with no unknown. ❏ Kristin Arwood Video for Teachers and Students	
	Lesson 30: Represent pictorial decomposition and composition addition stories to 10 with 5-group drawings and equations with no unknown. ❏ Kristin Arwood Video for Teachers and Students	
	Lesson 31: Solve add to with total unknown and put together with total unknown problems with totals of 9 and 10. ❏ Kristin Arwood Video for Teachers and Students	

	Lesson 32: Solve both addends unknown word problems with totals of 9 and 10 using 5-group drawings.
	   ❏ Kristin Arwood Video for Teachers and Students
	   ❏ Toni Barker Video for Teachers and Students

Standards **K.OA.1** **K.OA.2** **K.OA.3**	**Topic G: Subtraction from 9 and 10** ❏ **Parent Tips for This Topic**
	Lesson 33: Solve *take from* equations with no unknown using numbers to 10.
	Lesson 34: Represent subtraction story problems by breaking off, crossing out, and hiding a part.
	Lesson 35: Decompose the number 9 using 5-group drawings, and record each decomposition with a subtraction equation.
	Lesson 36: Decompose the number 10 using 5-group drawings, and record each decomposition with a subtraction equation.
Standards **K.OA.1** **K.OA.2** **K.OA.4**	**Topic H: Patterns with Adding 0 and 1 and Making 10** ❏ **Parent Tips for This Topic**
	Lesson 37: Add or subtract 0 to get the same number and relate to word problems wherein the same quantity that joins a set, separates.
	Lesson 38: Add 1 to numbers 19 to see the pattern of the *next number* using 5-group drawings and equations.
	Lesson 39: Find the number that makes 10 for numbers 1-9, and record each with a 5-group drawing.
	Lesson 40: Find the number that makes 10 for numbers 1-9, and record each with an addition equation.
	Lesson 41: Culminating task -- choose tools strategically to model and represent a stick of 10 cubes broken into two parts.