

Module 4 Kindergarten

Topic	Lesson	Materials to gather
Topic A	1	<p>Teacher (T)</p> <ul style="list-style-type: none"> • Large 5-frame cards (Fluency Template 1) • 3 hula hoops • Colorful masking tape • Graphic of birds (Template 1) <p>Students (S)</p> <ul style="list-style-type: none"> • Matching game cards (Fluency Template 2) (use only dots, dice, and fingers) per pair • Personal white board • Number bond (Template 2) • 5 cubes
	2	<p>(T)</p> <ul style="list-style-type: none"> • 3 hula hoops • Colorful masking tape <p>(S)</p> <ul style="list-style-type: none"> • 3 beans • Make a bond of 3 (Fluency Template 1) inserted into personal white board • Hidden numbers mat (Fluency Template 2) inserted into personal white board • 5 pennies • Number bond (Lesson 1 Template 2) • Personal white board • Linking cube 5-stick
	3	<p>(S)</p> <ul style="list-style-type: none"> • Number Order to 5 Sprint (2 copies per student) • Set of 5 linking cubes • Number bond (Lesson 1 Template 2) inserted into personal white board
	4	<p>(T)</p> <ul style="list-style-type: none"> • Familiar objects that exemplify the part-whole relationship such as a whole apple and an apple slice or a whole banana and a banana peel. <p>(S)</p> <ul style="list-style-type: none"> • Dice and 12 linking cubes per pair • 4 beans • Make a bond of 4 (Fluency Template) inserted into personal white board • Small piece of clay • Paper and Pencil • Number bond (Lesson 1 Template 2) • Two linking cube 5-sticks (all of the same color) • Personal white board

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	5	(T) <ul style="list-style-type: none"> • 20-bead Rekenrek • White board • Various color dry-erase markers (S) <ul style="list-style-type: none"> • 5 beans • Make a bond of 5 (Fluency Template) inserted into personal white board • Paper or foam square • Personal white board • Number bond (Lesson 1 Template 2)
	6	(T) <ul style="list-style-type: none"> • White board • Colored dry-erase markers (S) <ul style="list-style-type: none"> • Make 5 sprint (2 copies per student) • 5-stick of linking cubes • Paper and pencil
Topic B	7	(T) <ul style="list-style-type: none"> • Magnetic shapes or dry-erase markers • Bell or other gentle noisemaker or instrument (S) <ul style="list-style-type: none"> • Personal white board • Dot path (Fluency Template 1) inserted into personal white board • Matching game cards 0-5 (Lesson 1 Fluency Template 2) • Matching game cards 6-10 (Fluency Template 2) per pair (use 1 picture of each quantity 0-6) • Linking cube 5-stick • Loose cubes
	8	(S) <ul style="list-style-type: none"> • 5-stick of linking cubes • Die and 14 linking cubes (per pair) • Small ball of clay • Personal white board • 1 bucket of shapes with multiple variations of squares, triangles, hexagons, and circles per table (construction paper cutouts can be used if desired)
	9	(S) <ul style="list-style-type: none"> • 8 beans • 2 paper or foam squares • Hidden numbers mat (Lesson 2 Fluency Template 2) inserted into personal white board • Two linking cube 5-sticks (1 each of 2 colors) • Personal white board

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	10	(S) <ul style="list-style-type: none"> • Make 6 sprint (2 copies) • 6-stick of linking cubes (per pair) • Personal white board • Linking cube 5-stick • 5 additional loose linking cubes of another color
	11	(S) <ul style="list-style-type: none"> • Personal white board • Matching game cards 0-5 (Lesson 1 Fluency Template 2) • Matching game cards 6-10 (Lesson 7 Fluency Template 2) per pair (use 1 picture of each quantity 0-7) • Linking cube 5-stick • 5 additional loose linking cubes (all of one color or with color change at 5) • Number bond (Lesson 1 Template 2) inserted into personal white board
	12	(T) <ul style="list-style-type: none"> • Large 5-group cards (6-10) (Fluency Template 2) (S) <ul style="list-style-type: none"> • Make 5 (Fluency Template 1) • Dot path (Lesson 7 Fluency Template 1) inserted into personal white board • Personal white board • Two 5-group mat (Template) • Linking cube 5-stick • 5 loose linking cubes
Topic C	13	(T) <ul style="list-style-type: none"> • 20-bead Rekenrek • Dot cards of 6 (Fluency Template 1) • Magnetic shapes (optional) (S) <ul style="list-style-type: none"> • Dot cards of 6 (Fluency Template 1) • Make 6 (Fluency Template 2) • Personal white board • 6 linking cubes
	14	(S) <ul style="list-style-type: none"> • Make 7 sprint (2 copies) • Personal white board • Linking cube 7-stick • Train (Template) inserted into personal white board
	15	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 12 Fluency Template 2) • Number towers 1-10 showing color change at 5 • Cup containing 8 loose linking cubes or other small manipulatives • Masking tape

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		(S) <ul style="list-style-type: none"> ● Matching game cards 0-5 (Lesson 1 Fluency Template 2) ● Matching game cards 6-10 (Lesson 7 Fluency Template 2) per pair (use only dots, dice, and fingers for the quantities 0-8) ● Personal white board
	16	(S) <ul style="list-style-type: none"> ● Make 8 sprint (2 copies) ● 10 Linking cubes ● Personal white board
	17	(S) <ul style="list-style-type: none"> ● Bags of red and white beans ● Number bond (Lesson 1 Template 2) ● Blank paper or personal white board ● Dice (with the 6 side covered on both dice or the 5 and 6 covered on one die) ● Personal white board ● Container with 8 attribute blocks for each pair or small group of students (4 circles, 4 triangles) ● Tree and sun (Template)
	18	(T) <ul style="list-style-type: none"> ● Large foam die or substitute (S) <ul style="list-style-type: none"> ● Make 5 sprint (2 copies) ● Personal white board ● Dry erase markers in black, red, and green (or paper and crayons of the same colors) ● Train (Lesson 14 template) (With train image cut)
Topic D	19	(S) <ul style="list-style-type: none"> ● 10 linking cubes ● Bag of cubes ● Laminated paper or foam work mat ● Dice (per pair) ● Small ball of clay ● Personal white board
	20	(S) <ul style="list-style-type: none"> ● Cross 1 Out and Write How Many sprint (2 copies) ● Paper and pencil or personal white board ● 5 linking cubes
	21	(S) <ul style="list-style-type: none"> ● Dice (with the 6-dot side covered as a scaffold or uncovered as an extension) ● 5 linking cubes ● Personal white board ●

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	22	(T) <ul style="list-style-type: none"> • Large foam die (S) <ul style="list-style-type: none"> • Complete the Number Bond sprint (2 copies) • Linking cube 6-sticks • Personal white board • 1 die (per pair)
	23	(T) <ul style="list-style-type: none"> • Large 5-group cards (1-10) (Lesson 12 Fluency Template 2) • Large foam die (S) <ul style="list-style-type: none"> • Personal white board • Linking cube 7-sticks • 1 die (per pair)
	24	(T) <ul style="list-style-type: none"> • Large foam die (S) <ul style="list-style-type: none"> • Pair of dice (with the 6 sides covered) • Personal white board • Linking cube 8-stick
	Mid-Module 3 Days	(S) <ul style="list-style-type: none"> • Number bond mat in personal white board • Tub of loose linking cubes • 4 plastic toy animals • Two 5-sticks of same-colored linking cubes • Personal white board • Story problem templates 1-4 • 10 linking cubes (5 red and 5 blue) • 10 red linking cubes
Topic E	25	(T) <ul style="list-style-type: none"> • 20-bead Rekenrek • Large 5-group cards (1-4) (Lesson 12 Fluency Template 2) (S) <ul style="list-style-type: none"> • Personal white board • Array of 9 (Fluency Template) • 9 teddy bear counters or other manipulatives (per pair) • 1 paper bowl (per pair)
	26	(T) <ul style="list-style-type: none"> • 20-bead Rekenrek (S) <ul style="list-style-type: none"> • Die with the 6-dot side covered • Matching game cards 0-5 (Lesson 1 Fluency Template 2) • Matching game cards 6-9 (Lesson 7 Fluency Template 2) per pair • Paper • Green and blue crayons

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		<ul style="list-style-type: none"> ● 9 linking cubes (5 of one color and 4 of another) ● Personal white board
	27	(T) <ul style="list-style-type: none"> ● 20-bead Rekenrek (S) <ul style="list-style-type: none"> ● Personal white board ● Array of 10 (Fluency Template) inserted into personal white board ● Paper ● Crayons ● 1 chenille wire stem ● 10 pony beads of a single color ● Personal white board
	28	(S) <ul style="list-style-type: none"> ● Die with the 6-dot side covered ● Number bonds of 10 bracelet (Lesson 27) ● Personal white board ● Matching game cards 0-5 (Lesson 1 Fluency Template 2) per pair ● Matching game cards 6-10 (Lesson 7 Fluency Template 2) per pair ● 1 extra 5-card (so 1 of the partners can be 5 and 5) ● Small ball of clay ● 2 linking cube 5-sticks ● A half sheet of red construction paper to represent a picnic blanket
Topic F	29	(T) <ul style="list-style-type: none"> ● Large 5-group cards (Lesson 12 Fluency Template 2) (S) <ul style="list-style-type: none"> ● Core Fluency Practice Sets ● 9 pennies ● Paper and pencil ● Personal white board
	30	(S) <ul style="list-style-type: none"> ● Core Fluency Practice Sets (Lesson 29 Core Fluency Practice Sets) ● Two-sided counters (Or beans painted red on one side) ● Cup ● Personal white board ● Tree (Template) ● 10 linking cubes
	31	(S) <ul style="list-style-type: none"> ● Core fluency sprint (2 copies) ● Paper ● Crayons ● Pencil ● 10 teddy bear or other counters ● Equation (Template) ● Personal white board ●

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	32	(T) <ul style="list-style-type: none"> • 100-bead Rekenrek (S) <ul style="list-style-type: none"> • Break apart numbers (Fluency Template 1) • Personal white board • 5-group puzzles (Fluency Template 2) cut apart to show the decompositions of 10 • Paper • Crayons • Two large 5-group cards (Lesson 12 Fluency Template 2)
Topic G	33	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 12 Fluency Template 2) (S) <ul style="list-style-type: none"> • Core Fluency Practice Sets (Lesson 29 Core Fluency Practice Sets) • 10 linking cubes • 1 construction paper “picnic blanket” per pair • Paper • 9 teddy bears or other counters • Subtraction Equation (Template) • Personal white board
	34	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 12 Fluency Template 2) (S) <ul style="list-style-type: none"> • Personal white board • 10-stick of linking cubes with color change at the five • 10 teddy bears or other counters • Paper bowl per pair
	35	(S) <ul style="list-style-type: none"> • Core Fluency Practice Sets (Lesson 29 Core Fluency Practice Sets) • 5 beans painted red on one side or 5 two-sided counters • Cup • Personal white board • 9 pennies • Subtraction Equation (Lesson 33 Template)
	36	(T) <ul style="list-style-type: none"> • 100-bead Rekenrek (S) <ul style="list-style-type: none"> • Core Fluency Sprint (2 copies of the Lesson 31 Sprints) • 10 linking cubes • Personal white board • Subtraction equation (Lesson 33 Template)
Topic H	37	(T) <ul style="list-style-type: none"> • Large 5-group cards 0-5 (Lesson 12 Fluency Template 2) • Construction paper number path (1-10) on the floor • Additional number path for 1-10 drawn on the board

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		(S) <ul style="list-style-type: none">● Imagine more to add 5 (Fluency Template 1)● Cross out 2 (Fluency Template 2)● Small ball of clay● Number path (Template)● Personal white board
38	(T) <ul style="list-style-type: none">● Large 5-group cards (0-5) (Lesson 12 Fluency Template 2)● Number path on the floor● Large foam die (S) <ul style="list-style-type: none">● Core Fluency Practice Sets (Lesson 29 Core Fluency Practice Sets)● 10 linking cubes● Small square of blue paper to represent a watering hole (optional)● Number path (Lesson 37 Template)● Personal white board	
39	(T) <ul style="list-style-type: none">● Large 5-group cards (Lesson 12 Fluency Template 2) (S) <ul style="list-style-type: none">● Core Fluency Practice Sets (Lesson 29 Core Fluency Practice Sets)● Apple tree (Fluency Template)● 10 red beans● Die● 1 set of 5-group cards (Template)● Personal white board	
40	(S) <ul style="list-style-type: none">● Draw more to make 10 (Fluency Template)● Personal white board● Linking cube 10-stick● Add to make 10 recording sheet (Practice Sheet)● 1 set of 5-group cards (per pair) (Lesson 39 Template)	
41	(T) <ul style="list-style-type: none">● A few sets of large plastic eyeglasses, pointers, or other props for students to use as they become the <i>teachers</i> (S) <ul style="list-style-type: none">● Core Fluency Sprint (2 copies of the Lesson 31 Sprints)● Personal white board● Linking cube 10-stick● Colorful markers● 11-inch x 17 inch sheet of sturdy paper (construction or white)	
	End-of Module 3 Days	(S) <ul style="list-style-type: none">● Personal white board● Number bond mat● 10 loose cubes (5 cubes one color, 5 cubes a different color)● 2 pieces of construction paper

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		<ul style="list-style-type: none">• 9 dots (Template 1)• Cars (Template 2)• Flowers (Template 3)• Number sentences (Template 4)• 9 crayons• Brown paper bag• Paper and pencil
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