

Module 5 Kindergarten

Topic	Lesson	Materials to gather
Topic A	1	Teacher (T) <ul style="list-style-type: none"> • Large 5-group cards (Fluency Template 1) Students (S) <ul style="list-style-type: none"> • 5-group cards (Fluency Template 2) • 1 egg carton cut to have 10 compartments for each pair of students • 10 bags with different items in each. (Suggestions: 8 clothespins, 8 pasta shells, 8 beads, 9 3-inch by 5-inch cards, 9 pennies, 9 crayons, 10 erasers, 10 linking cubes, 10 walnuts in the shell, 10 play dollars) • 40 straws
	2	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 1 Fluency Template 1) • 20-bead Rekenrek • 10 bags with different items in each. (Suggestions: 18 clothespins, 20 pasta shells, 13 beads, 16 pennies, 11 crayons, 10 erasers, 14 linking cubes, 12 walnuts in the shell, 10 play dollars, 15 counting chips) (S) <ul style="list-style-type: none"> • 5-group cards (Lesson 1 Fluency Template 2) • About 40 straws for each pair of students • 1 egg carton cut to have 10 compartments for each pair of students
	3	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 1 Fluency Template 1) (S) <ul style="list-style-type: none"> • 5-group cards (Lesson 1 Fluency Template 2) • Bag with about 20 small objects for each student • Find 10 (Template) cut into strips
	4	(T) <ul style="list-style-type: none"> • Dot cards of 6 (Fluency Template 1) • 19 linking cubes (S) <ul style="list-style-type: none"> • Dot cards of 6 (Fluency Template 1) • Personal white board • Bag of 19 small counting objects such as pennies or beans • 19 straws (per pair)
	5	(T) <ul style="list-style-type: none"> • Dot cards of 7 (Fluency Template 1) (S) <ul style="list-style-type: none"> • Dot cards of 7 (Fluency Template 1) • Personal white board • Circle 10 ones (Fluency Template 2) • 20 straws (per pair)
Topic B	6	(T)

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		<ul style="list-style-type: none">● Large 5-group cards (Lesson 1 Fluency Template 1)● Dot cards of 8 (Fluency Template)● Large Hide Zero cards (Template 1) (S) <ul style="list-style-type: none">● 5-group cards (Lesson 1 Fluency Template 2)● Dot cards of 8 (Fluency Template)● 20 straws per pair● Hide Zero cards: 1 Hide Zero 10 card (Template 2) with 5-group cards 1-9 (Lesson 1 Fluency Template 2)● Two sets of 10 linking cubes (10 in one color and 10 in another color)● Personal white board (per pair)
7	(T) <ul style="list-style-type: none">● Dot cards of 8 (Lesson 6 Fluency Template)● Large Hide Zero cards (Lesson 6 Template 1) (emphasize the breaking apart of numbers by separating the cards as the students say numbers the Say Ten way and the regular way) (S) <ul style="list-style-type: none">● Dot cards of 8 (Lesson 6 Fluency Template)● Hide Zero cards: 1 Hide Zero 10 card (Lesson 6 Template 2) and 5-group cards 1-9 (Lesson 1 Fluency Template 2)● 20 two-sided counters in a clear plastic bag (white beans spray painted red on one side, or commercial two-sided counters)● Number Bond (Template) within a personal white board●	
8	(T) <ul style="list-style-type: none">● Dot cards of 8 (Lesson 6 Fluency Template)● Number bond cards (Fluency Template) (S) <ul style="list-style-type: none">● Personal white board● Bag with about 20 small objects● Personal white board● Bag of Hide Zero cards: 1 Hide Zero 10 card (Lesson 6 Template 2) and 5-group cards 1-9 (Lesson 1 Fluency Template 2)● Bag of 10 linking cubes in one color and 10 linking cubes in another color (per pair)●	
9	(T) <ul style="list-style-type: none">● Dot cards of 9 (Fluency Template)● Large 5-group cards (Lesson 1 Fluency Template 1) (S) <ul style="list-style-type: none">● Dot cards of 9 (Fluency Template)● Bag with about 20 small objects and work mat● Double 10-frame (Template) within a personal white board	

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Topic C	10	(T) <ul style="list-style-type: none"> • Linking cubes • 20-bead Rekenrek (S) <ul style="list-style-type: none"> • Personal white board • Problem Set • 10 red pony beads and 10 white pony beads • A red crayon and a black crayon • Two 12-inch lengths of elastic • One 2.75-inch by 5.5-inch piece of chipboard (or cardboard strip) with an indentation (note that each 8½-inch by 11-inch chipboard makes 4 Rekenreks)
	11	(T) <ul style="list-style-type: none"> • 20-bead Rekenrek (S) <ul style="list-style-type: none"> • Personal Rekenrek (Built in Lesson 10) • Two sets of 10 linking cubes (10 in one color and 10 in another color) • Sentence frame (Template)
	12	(S) <ul style="list-style-type: none"> • One stick of 10 linking cubes that are the same color and 10 loose cubes of a different color • Personal white board and sentence frame (Template)
	13	(T) <ul style="list-style-type: none"> • 1 stick of 10 linking cubes that are the same color and 10 loose cubes of a different color (S) <ul style="list-style-type: none"> • 2 sticks of 10 linking cubes that are different colors • Personal white board • 2 sticks of 10 linking cubes with a color change at five • Personal Rekenrek (from Lesson 10) • Set of Hide Zero Cards: 1 Hide Zero 10 card (Lesson 6 Template 2) and 5-group cards 1-9 (Lesson 1 Fluency Template 2) (per pair)
	14	(T) <ul style="list-style-type: none"> • Pre-drawn arrays • Large Hide Zero cards (Lesson 6 Template 1) (S) <ul style="list-style-type: none"> • Personal white board • Teen counting array (Fluency Template) • Double 10-frame mat (Lesson 9 Template) within a personal white board • Teen numeral and dot cards (only numeral cards from 10-20) (Template) • Paper plate and bag of 20 counting objects (per pair) •

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	Mid-Module 3 Days	(S) <ul style="list-style-type: none"> • 19 loose straws (or another set of objects in the classroom) • 19 cubes
Topic D	15	(T) <ul style="list-style-type: none"> • Pre-drawn circular configurations • Large Hide Zero cards (Lesson 6 Template 1) • 100-bead Rekenrek (S) <ul style="list-style-type: none"> • Personal white board • Teen circular-counting (Fluency Template) • Donuts (Template 1) • 14 cubes • Set of 10 small 10-frame cards (Template 2)
	16	(T) <ul style="list-style-type: none"> • 100-bead Rekenrek • 10 pieces of tagboard (S) <ul style="list-style-type: none"> • Hide Zero cards: 1 Hide Zero 10 card (Lesson 6 Template 2) and 5-group cards 1-9 (Lesson 1 Fluency Template 2) • Interesting counters • Small 10-frame cards (Lesson 15 Template 2) • 2-hand cards (Template) • 9 counters
	17	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 1 Fluency Template 1) (S) <ul style="list-style-type: none"> • Personal white board • 1 bag of about 20 objects (per pair) • Personal Rekenrek (from Lesson 10)
	18	(T) <ul style="list-style-type: none"> • Large 5-group cards (Lesson 1 Fluency Template 1) • 100-bead Rekenrek (S) <ul style="list-style-type: none"> • Number bond (Lesson 7 Template) • Personal Rekenrek (from Lesson 10) • 9 small 10-frame cards (Lesson 15 Template 2) • 2 empty 10-frame cards (Template) • 20 counters • Blank paper to use as a hiding paper for the Problem Set
	19	(T) <ul style="list-style-type: none"> • Hide Zero cards: 1 Hide Zero 10 card (Lesson 6 Template 2) and 5-group cards 1-9 (Lesson 1 Fluency Template 2) • Hide Zero cards 20-100 (Fluency Template 2) (S) <ul style="list-style-type: none"> • Personal Rekenrek (From Lesson 10)

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		<ul style="list-style-type: none"> • Rekenrek dot paper (Fluency Template 1)
Topic E	20	(T) <ul style="list-style-type: none"> • Prepared images of arrays and circular configurations • Large 5-group cards (Lesson 1 Fluency Template 1) • Dot cards of 7 (Lesson 5 Fluency Template 1) (S) <ul style="list-style-type: none"> • Personal Rekenrek (Lesson 10) • Bag of twenty 2-color beans or counters • Number bond (Lesson 7 Template) within a personal white board
	21	(T) <ul style="list-style-type: none"> • Dot cards of 7 (Lesson 5 Fluency Template 1) (S) <ul style="list-style-type: none"> • Personal Rekenrek (Lesson 10) • 40 centimeter cubes and number bond (Lesson 7 Template) within a personal white board (per pair)
	22	(T) <ul style="list-style-type: none"> • Dot cards of 8 (Lesson 6 Fluency Template) (S) <ul style="list-style-type: none"> • Personal Rekenrek (Lesson 10) • 20 linking cubes • Personal white board
	23	(T) <ul style="list-style-type: none"> • Dot cards of 8 (Lesson 6 Fluency Template) • 12 pieces of red construction paper (S) <ul style="list-style-type: none"> • Teen numeral and dot cards (Lesson 14 Template) (Per pair pictured on p. 290) • Picture and word problem (Template) • Number bond (Lesson 7 Template) within a personal white board •
	24	(T) <ul style="list-style-type: none"> • Pictorial growth chart 10-20 (Fluency Template 1) • Frog puppet (popsicle stick with a frog picture) (S) <ul style="list-style-type: none"> • Teen numeral and dot cards (Fluency Template 2) • Rabbit and Froggy's matching race (Fluency Template 3) • 10 bags each with a different teen number of objects inside. • Materials for each station: 2-hand cards (Lesson 16 template), Hide Zero cards: 1 Hide Zero 10 card (Lesson 6 Template 2) and 5-group cards 1-9 (Lesson 1 Fluency Template 2), Personal Rekenrek (Lesson 10), 20 centimeter cubes, 20 sticks, 20 beans, 1 small paper plate, 20 linking cubes, blank paper, number bond (Lesson 7 template) •

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	End-of-Module 3 Days	<p>(T)</p> <ul style="list-style-type: none">• 10 small 10-frame cards (Lesson 15 template 2) <p>(S)</p> <ul style="list-style-type: none">• 17 centimeter cubes• Number bond (Lesson 7 Template) within a personal white board• eraser
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