

KINDERGARTEN INVESTIGATIONS TRIMESTER OVERVIEW

TRI	Session	Unit	Lesson Title	Classroom Routine	Games/Activity	Recommendations
	1.	*	*****			First Day of School
1	2.	U1	1.1 The Attendance Routine: How Many Are We?		Introduce Attendance	
1	3.	U1	1.2 Attendance: Counting Around the Circle		Intro Counting Around the Circle	
1	4.	U1	1.3 The Calendar Routine	Attendance/Calendar	Counting Around the Circle	
1	5.	*	NWEA			
1	6.	U1	1.4 Counting on the Calendar	Attendance	Counting Around the Circle	Include Kindergarten Math Representations
1	7.	U1	1.5 Counting and Representing Attendance Data	Calendar	Intro Attendance Stick	whenever possible throughout the year
1	8.	U1	2.1 The Counting Jar	Calendar	Intro Counting Jar	
	9.	*				Building Classroom Math Rituals and Routines
1	10.	U1	2.2 Describing Attributes of Buttons	Calendar	Using Attendance Stick	
1	11.	U1	2.3 Button Match-Up	Attendance	Button Match-Up	
1	12.	U1	2.4 Attribute Block Match-Up	Attendance	Attribute Block Match-Up	
1	13.	*				Building Classroom Math Rituals and Routines
1	14.	*				Building Classroom Math Rituals and Routines
1	15.	U1	2.5 Counting Jar: How Many Did You Find?	Calendar	Intro Labeled Attendance Stick	
1	16.	U1	3.1 Today's Question	Attendance	Intro Today's Question	
1	17.	U1	3.2 Counting Jar: Recording	Calendar	Counting Jar Recording	
1	18.	*				Building Classroom Math Rituals and Routines
1	19.	*				Building Classroom Math Rituals and Routines
1	20.	U1	3.3 Sorting Students	Attendance	Sorting	
1	21.	U1	3.4 Sorting Attribute Blocks	Calendar	Sorting Attribute Blocks	
1	22.	U1	3.5 Today's Question: Discussing the Data	Attendance	Sorting	

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1	23.	*				Building Classroom Math Rituals and Routines
1	24.	*				Building Classroom Math Rituals and Routines
1	25.	U1	3.6 Counting Jar: How Did You Record?	Calendar	Sorting	
1	26.	U2	1.1 A Counting Book	Calendar	Counting	Consider other counting books as a model. Visit the K Team for alternative counting books.
1	27.	U2	1.2 Grab and Count	Attendance	Grab and Count	
1	28.	*				Building Classroom Math Rituals and Routines
1	29.	U2	1.3 Counting Jar	Today's Question	Counting Jar	
1	30.	U2	1.4 Roll and Record	Calendar	Roll and Record	With so many games in this unit, it may be best to pick 2 or 3 that best meet the criteria and master them.
1	31.	U2	1.5 How Did I Count?	Attendance		
1	32.					Building Classroom Math Rituals and Routines
1	33.					Building Classroom Math Rituals and Routines
1	34.	U2	1.6 Does Order Matter When You Count?	Today's Question		
1	35.	U2	1.7 Build It	Calendar	Build It	
1	36.	U2	1.8 Counting Jar	Attendance	Counting Jar	
1	37.	*				Building Classroom Math Rituals and Routines
1	38.	*				Building Classroom Math Rituals and Routines
1	39.	U2	1.9 Inventories	Today's Question	Introducing Inventories	
1	40.	U2	1.10 Strategies for Accurate Counting	Calendar	Measurement	
1	41.	U2	2.1 Measurement Collections	Attendance		
1	42.	*				Review, Reteach, Exemplar Practice
1	43.	U2	2.2 How Did You Compare Lengths?	Today's Question		
1	44.	U2	2.3 Counting and Comparing	Calendar		
1	45.	U2	2.4 Grab and Count: Compare	Attendance	Intro Grab and Count: Compare	

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1	46.	*				Review, Reteach, Exemplar Practice
1	47.	U2	<i>2.5 Compare</i>	Today's Question	Introduce Compare	
1	48.	U2	<i>2.6 Comparing Lengths and Quantities</i>	Calendar		
1	49.	U2	<i>2.7 How Many Letters in Your Name?</i>	Attendance		
1	50.	*				Review, Reteach, Exemplar Practice
1	51.	*				Review, Reteach, Exemplar Practice
1	52.	*				Review, Reteach, Exemplar Practice
1	53.	*				Review, Reteach, Exemplar Practice
1	54.	U2	<i>2.8 Counting Jar</i>	Today's Question	Counting Jar	
1	55.	U2	<i>2.9 Comparing Name Lengths</i>	Calendar	Comparing	
1	56.	U2	<i>2.10 Grab and Count: Ordering</i>	Attendance	Intro Grab and Count: Ordering	
1	57.	*				Review, Reteach, Exemplar Practice
1	58.	*				Review, Reteach, Exemplar Practice
1	59.	U2	<i>2.11 Assessment and Comparing</i>	Calendar		
1	60.	U2	<i>2.12 Assessment (cont'd) and Ordering Our Names</i>	Today's Question		
1	61.	U2	Portfolio Assessment			
1	62.	U2	and			
1	63.	U2	Math Inventory			Trimester 1 Closes
2	64.	U4	<i>1.1 Measuring Our Shoes</i>			Use pictures of laminated shoes for students to measure
2	65.	U4	<i>1.2 Measuring Different Shoe Lengths</i>			
2	66.	U4	<i>1.3 Measuring with Sticks</i>			
2	67.	U4	<i>1.4 Comparing Lengths of Shoes</i>			

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2	68.	*				Review, Reteach, Exemplar Practice
2	69.	*	Review, Reteach, Enrich			
2	70.	*	And Exemplar Practice			
2	71.	*				Last day before Winter Break
2	72.	U4	1.5 Measuring with Cubes			
2	73.	U4	1.6 Counting and Combining	Calendar	Build It/ Grab & Count: Two Handfuls	
2	74.	U4	1.7 Collect 15 Together	Today's Question	Collect 15 Together	
2	75.	U4	1.8 Build On	Calendar	Intro Build On	
2	76.	*				Review, Reteach, Exemplar Practice
2	77.	U4	1.9 Roll and Record 2	Attendance	Roll and Record 2	
2	78.	U4	1.10 Quick Images: Ten Frames	Today's Question	Quick Images: Ten Frames	
2	79.	U4	2.1 Racing Bears	Attendance	Intro Racing Bears	
2	80.	U4	2.2 Introducing Story Problems	Calendar	Two Story Problems	
2	81.	*				Review, Reteach, Exemplar Practice
2	82.	U4	2.3 One More, One Less	Today's Question	Intro One More, One Less	
2	83.	U4	2.4 Double Compare	Attendance	Intro Double Compare	
2	84.	U4	2.5 Counting, Combining, and Comparing	Calendar		
2	85.	U4	2.6 Build It/Change It	Today's Question	Build It/ Change It	
2	86.	U4	2.7 Who Has More?: Comparing Totals	Calendar	Quick Images: Ten Frames	
2	87.	U4	3.1 Ways to Make Six	Story Problems	Intro Six Tiles in All	

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2	88.	U4	3.2 Arrangements of Six: Numbers and Notation	Today's Question		As we start to introduce Story Problems, model Problem Solving steps from <i>Exemplars</i>
2	89.	U4	3.3 Arrangements of 5 to 10 Tiles	Story Problems	Intro Arrangements of 5 to 10 Tiles	
2	90.	*				Review, Reteach, Exemplar Practice
2	91.	U4	3.4 Toss the Chips	Calendar	Intro Toss the Chips	
2	92.	U4	3.5 Assessment and Arrangements of Numbers	Story Problems		
2	93.	U4	3.6 Assessment (cont'd) and Tossing 6 Chips	Today's Question		
2	94.	U6	1.1 Counting and Measuring			This lesson may need to be omitted due to Covid protocols
2	95.	*				Review, Reteach, Exemplar Practice
2	96.	U6	1.2 Counting on the Number Line	Story Problems	Intro Counting on the Number Line	As we continue to introduce Story Problems, model Problem Solving steps from <i>Exemplars</i>
2	97.	U6	1.3 Collect 20 Together	Counting on Number Line(NL)	Collect 20 Together	
2	98.	U6	1.4 Inventory Bags	Attendance	Intro Inventory Bags	
2	99.	U6	1.5 How Did You Count?	Counting on NL		
2	100.	*	100 th Day of School			
2	101.	*				Valentine's Day
2	102.	U6	1.6 Representing an Inventory	Story Problems		
2	103.	U6	2.1 Roll and Record 3	Today's Question	Intro Roll & Record 3	
2	104.	U6	2.2 Double Compare	Story Problems	Intro Double Compare	
2	105.	U6	2.3 Modeling Story Problems	Counting on NL	Modeling Story Problems	
2	106.	U6	2.4 Build and Remove	Attendance	Intro Build & Remove	
2	107.	U6	2.5 Representing Story Problems with Cubes	Calendar	Modeling Story Problems	

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2	108.	U6	2.6 How Many Blocks?	Today's Question	Modeling Story Problems	Practice/Model Kindergarten Math Representations
2	109.	U6	2.7 How Do You Show the One That is Gone?	Counting on NL		
2	110.	U6	2.8 How Many Balls?	Attendance		
2	111.	U6	3.1 Five Crayons in All	Story Problems	Intro Five Crayons in All	
2	112.	U6	3.2 Combinations of Six	Today's Question	Reintroduce Toss the Chips & Racing Bears	
2	113.	U6	3.3 Total of Six	Calendar	Intro Total of Six	
2	114.	*				Review, Reteach, Exemplar Practice
2	115.	U6	3.4 Six Crayons in All	Counting on NL	Intro 6 Crayons in All	
2	116.	U6	3.5 Assessment and the Counting Jar	Attendance		
2	117.	U6	3.6 Assessment (cont'd) and Combinations of Six	Story Problems		Note any strategies or representations students are attempting to use
2	118.	U8	1.1 Build and Remove	Story Problems		Continue to model Kindergarten Math Representations throughout this unit.
2	119.	U8	1.2 Revisiting Subtraction Story Problems	Counting on NL	Story Problems: 4-1	
2	120.	U8	1.3 Making Up Story Problems	Attendance	Tell a Story	
2	121.		Portfolio Assessment			
2	122.		and			
2	123.		Math Inventory			Trimester 2 Closes
3	124.	U8	1.4 Race to the Sun	Attendance	Intro Race to the Sun	
3	125.	U8	1.5 Fill the Treasure Chest	Counting on NL	Intro Fill the Treasure Chest	
3	126.	U8	1.6 Assessment: Fluency within Five	Attendance		
3	127.	U8	1.7 Assessment: Fluency within Five (cont'd)	Today's Question		
3	128.	*				Review, Reteach, Exemplar Practice

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3	129.	U8	<i>2.1 Toss 10 Chips</i>	Calendar	Intro Toss 10 Chips	
3	130.	U8	<i>2.2 How Many to 10?</i>	Attendance	How Many to 10	
3	131.	U8	<i>2.3 Counting Larger Quantities</i>	Story Problems		
3	132.	U8	<i>2.4 Race to the Top: Teen Numbers</i>	Counting on NL	Race to Top: Teen Numbers	
3	133.	*				Review, Reteach, Exemplar Practice
3	134.	U8	<i>2.5 Build It: Teen Numbers</i>	Attendance	Build It: Teen Numbers	
3	135.	U8	<i>2.6 Race to the Top: Ten Frames</i>	Today's Question	Race to Top:10 Frame	
3	136.	U8	<i>2.7 Quick Images: Teen Numbers</i>	Calendar	Quick Images: Teen	
3	137.	U8	<i>2.8 Build It, Then Race to the Top</i>	Attendance	Build It/Race to Top	
3	138.	*				Last day before Spring Break
3	139.	U8	<i>2.9 Race to the Top: Teen Numbers 2</i>	Story Problems	Race to Top: Teen Numbers 2	
3	140.	U8	<i>2.10 The Teen Numbers</i>	Counting on NL	Quick Images: Teen	
3	141.	U8	<i>3.1 Weight: Heavier or Lighter?</i>	Calendar	Intro Weight	
3	142.	U8	<i>3.2 Measuring and Comparing Weights with Cubes</i>	Today's Question	Weight with cubes	
3	143.	*				
3	144.	U8	<i>3.3 Measuring and Comparing Weights with Pennies</i>	Counting on NL	Weight with Pennies	
3	145.	U8	<i>3.4 Assessment, Weighing, and Teen Numbers</i>	Attendance		
3	146.	U8	<i>3.5 Assessment (cont'd) and Using the Pan Balance to Discuss Counting Jar</i>	Attendance		
3	147.	U3	<i>2.1 Shape Mural</i>	U3		
3	148.	*				Review, Reteach, Exemplar Practice
3	149.	U3	<i>2.2 Pattern Block Puzzles: Combining Shapes</i>			

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3	150.	U3	<i>2.3 Fill the Hexagons</i>			
3	151.	U3	<i>2.4 Combining Shapes</i>			
3	152.	U3	<i>2.5 Ways to Make a Hexagon</i>			
3	153.	*				Review, Reteach, Exemplar Practice
3	154.	U3	<i>2.6 Assessment and the Counting Jar</i>			
3	155.	U3	<i>2.7 Assessment (cont'd) and Ways to Make a Hexagon</i>			
3	156.	U5	<i>1.1 3-D Shape Hunt</i>			
3	157.	U5	<i>1.2 Describing Features of GeoBlocks</i>			
3	158.	*				Review, Reteach, Exemplar Practice
3	159.	U5	<i>1.3 Copying Cubes and Matching Faces</i>			
3	160.	U5	<i>1.4 Making 3-D Shapes</i>			
3	161.	U5	<i>1.5 Faces of GeoBlocks</i>			
3	162.	U5	<i>1.6 Build a Block</i>			
3	163.	*				Review, Reteach, Exemplar Practice
3	164.	U5	<i>1.7 Cubes</i>			
3	165.	U5	<i>1.8 Comparing Cubes and Prisms</i>			
3	166.	U5	<i>1.9 Assessment and Comparing 2-D and 3-D Shapes</i>			
3	167.	U5	<i>1.10 Assessment (cont'd) and The Counting Jar</i>			
3	168.		End of Year Math Inventory Portfolio Assessment and NWEA			

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3	169.	U7	1.1 Attribute Block & Button Match-Up			Unit 7 if time permits
3	170.	U7	1.2 Pattern Block Grab			
3	171.	U7	1.3 Attribute Dominoes			
3	172.	U7	1.4 Organizing Data: Favorite Lunch Foods			
3	173.	U7	2.1 “Do You Like . . . ?” Surveys			<i>Practice Survey skills for real-life classroom situations. Some examples are:</i>
3	174.	U7	2.2 Collecting Data			-What would you like to use on the playground?
3	175.	U7	2.3 Sharing Survey Data			-What is your favorite ice cream flavor?
3	176.	U7	3.1 How Many Are We?			-Did you enjoy FUN DAY (PLAY DAY)?
3	177.	U7	3.2 How Many Noses?			-Should we go for a walk or go to the playground?
3	178.	U7	3.3 How Many Eyes?			
3	179.	U7	3.4 Counting Chairs			
3	180.	U7	3.5 Counting Groups of Ones and Twos			
3	181.	U7	3.6 Enough Chairs for the Class?			
3	182.	U7	3.7 Counting Fingers			
3	183.	U7	3.8 Assessment: Solving a Problem Using Attendance Data			