

Bridges in Mathematics & the Common Core State Standards (CCSS) – Grade K

	COUNTING & CARDINALITY	OPS./ALG. THINKING	NUMBER/OPS. IN BASE 10	MEASUREMENT & DATA	GEOMETRY
K	<ul style="list-style-type: none"> • Rote Count to 100 by 1's & 10's • Read & Write Numbers to 20 • Count Objects to 20 • Compare Sets & Numbers Bridges Months: Sep–Feb Number Corner: Sep–May Supplement Sets: A1, A4, A6	<ul style="list-style-type: none"> • Represent & Solve Addition & Subtraction Word Problems • Add & Subtract within 10 • Add & Subtract Facts to 5 Bridges Months: Feb, Apr, May/June Number Corner: Dec–May Supplement Sets: A4	<ul style="list-style-type: none"> • Compose & Decompose Numbers 11–19 into Tens & Some Ones Bridges Months: Jan–Apr Number Corner: Oct–May Supplement Sets: A1	<ul style="list-style-type: none"> • Length & Weight • Classify & Count Objects Bridges Months: Sep, Oct, Mar–May/June Number Corner: Oct, Nov, Mar–May/June Supplement Sets: C1, D1, D2, D8	<ul style="list-style-type: none"> • Identify & Describe 2-S & 3-D Shapes • Use Positional Language • Analyze, Compare, Create Shapes Bridges Months: Sep, Nov, Dec, May/June Number Corner: Sep Supplement Sets: C1, C2, C3, C4, C5, C6

Pacing Guide (177 Sessions Total)

	SEP 23 SESSIONS	OCT 19 SESSIONS	NOV 20 SESSIONS	DEC 13 SESSIONS	JAN 20 SESSIONS	FEB 19 SESSIONS	MAR 15 SESSIONS	APR 20 SESSIONS	MAY/JUNE 28 SESSIONS	
Units	UNIT 1: 23 Sessions Shapes (2-D Shapes, Sorting, Counting, Comparing Sets)	UNIT 2: 17 Sessions Bugs (Sorting, Graphing, Numbers to 10)	UNIT 3: 14 Sessions Butterflies (2-D Shapes, Patterning, Numbers to 10, Comparing Sets)	UNIT 4: 10 Sessions Ladybugs & Pennies (Skip Counting, Add/Sub., Coins)	UNIT 5: 20 Sessions New Games (Numbers to 20, Counting by 10's and 1's, Comparing and Ordering Sets)	UNIT 6: 19 Sessions Sea Creatures (Graphing Data, Addition & Subtraction, Word Problems, Numbers to 20)	UNIT 7: 12 Sessions Frogs & Toads (Numbers to 20, Skip Counting, Estimating & Measuring Length)	UNIT 8: 15 Sessions More Games (Numbers to 30, Addition & Subtraction Word Problems, Length, Money)	UNIT 9: 19 Sessions Shapes & Story Problems (Addition & Subtraction Word Problems, Length, Shapes)	
CCSS Supplement Sets	SET A1: Counting on Number Line Use during NC.	SET A4: Addition & Subtraction Use during NC and 2 Sessions	SET A4: Addition & Subtraction Use during NC.	SET A4: Addition & Subtraction Use during NC.	SET A1: Counting on Number Line Use during NC.	SET A1: Counting on Number Line Use during NC.	SET A1: Counting on Number Line Use during NC.	SET A1: Counting on Number Line Use during NC.	SET C1: 3-D Shapes 3 Sessions	
NC = Number Corner	SET A4: Addition & Subtraction Use during NC.	SET A6: One Dot, Many Dots Use during NC.	SET C2: Locations 1 Session	Set C4: Teddy Bear & Box Use during NC.	SET A4: Addition & Subtraction Use during NC.	SET A4: Addition & Subtraction Use during NC.		SET A4: Addition & Subtraction 3 Sessions	SET A4: Addition & Subtraction 5 Sessions	SET C2: Locations 2 Sessions
		SET C3: Butterflies Use during NC.	SET D1: Length 4 Sessions	Set D2: Weight 3 Sessions	SET C5: Growing Shapes Use during NC.	SET C6: 3-D Shapes around us Use during NC.		SET D8: Measuring Tools Use during NC.		
			SET D2: Weight 1 Session							
Number Corner	Counting by 1's; numeral recognition and writing; sorting; 2-D shapes	Counting by 1's; skip counting; cardinal and ordinal numbers; repeating patterns; picture graphs	Counting by 1's; counting by 10's and 1's; skip counting; picture graphs	Numeral recognition; counting by 1's; counting by 10's and 1's; 2-D shapes; picture graphs	Numeral recognition; counting by 1's; and counting by 10's and 1's; yesterday, today, and tomorrow	Counting by 1's; counting by 10's and 1's; sorting; yesterday, today, and tomorrow	Counting by 1's; counting by 10's and 1's; early addition; 2-D shapes; bar graphs	Counting by 10's and 1's; skip counting; early addition; 2-D shapes; time to the hour; bar graphs	Counting by 10's and 1's; skip counting; sorting; morning, noon, and night; time to the hour	

Bridges in Mathematics & the Common Core State Standards (CCSS) – Grade 1

	OPERATIONS & ALG. THINKING	NUMBER & OPS IN BASE 10	MEASUREMENT & DATA	GEOMETRY
1	<ul style="list-style-type: none"> • Add & Subtract Word Problems • Understand Addition & Subtraction • Add & Subtract within 20; mastery to 10 • Addition & Subtraction Equations Bridges Units: 1, 2, 3, 4 Number Corner: Sep–May/June Supplement Sets: A3, A4, A9, B1	<ul style="list-style-type: none"> • Place Value to 120 • Add & Subtract 2-Digit Numbers w/out Regrouping Bridges Units: 1, 2, 4, 6 Number Corner: Sep–May/June Supplement Sets: A1, A5	<ul style="list-style-type: none"> • Compare and Order Lengths • Length in Non-Standard Units • Tell Time to the Half Hour • Data/ 3 Categories Bridges Units: 1, 3, 4 Number Corner: Sep–Jan Supplement Sets: A5, D1, D2, D7, E1	<ul style="list-style-type: none"> • 2-D and 3-D Shapes • Fractions of Shapes (half, quarter) Bridges Units: 2, 5 Number Corner: Sep, Jan Supplement Sets: A6, C3, C4, C5, C6, C7, C8

Pacing Guide (157 Sessions Total)

	SEPT–MID-OCT 20 SESSIONS	MID-OCT–NOV 25 SESSIONS	DECEMBER–JANUARY 32 SESSIONS	FEB–MID-MARCH 30 SESSIONS	MID-MARCH–APRIL 20 SESSIONS	MAY/JUNE 30 SESSIONS			
Units	UNIT 1: 20 Sessions Bugs Galore (Sorting, Graphing, Counting, Early Addition/ Subtraction)	UNIT 2: 20 Sessions From Land to Sea (Add/Subtract, Counting, Place Value, Money)	UNIT 3: 18 Sessions Lobster Legs & Whale Tails (Skip Counting, Add/Subtract Word Problems, Money, Sorting & Graphing)	UNIT 4: 30 Sessions Penguins (Length, Weight, Skip Counting, Facts to 18, Word Problems, Number to 100)	UNIT 5: 14 Sessions Pattern Blocks, Polydrons & Paper Quilts (2-D and 3-D Shapes, Composing & Decomposing Shapes, Symmetry, Area, Sorting & Graphing)	UNIT 6: 30 Sessions My Little Farm (Word Problems, Skip Counting, Place Value, Adding & Subtracting 2-Digit Numbers, Area & Perimeter, Mapping)			
CCSS Supplement Sets	SET A1: Numbers to 120 Use during NC. NC = Number Corner	SET A1: Numbers to 120 Use during NC. SET A3: Add & Sub on Number Line - 3 Sessions SET A4: Equivalent Names 2 Sessions SET C3: 2-D Shapes Around Us Use during NC.	SET B1: Properties & Relationships 6 Sessions, 3 IWS SET D1: Comparing Length 5 Sessions SET D2: Measuring Length in Non-Standard Units 3 Sessions SET C4: Symmetry Use during NC. SET C5: 3-D Shapes Around us Use during NC.	SET A1: Numbers to 120 Use during NC. SET C6: 2-D Shapes Attributes Use during NC. SET C7: Describing 3-D Shapes Use during NC.	SET A1: Numbers to 120 Use during NC. SET A5: Place Value 3 Sessions SET A6: Fractions 3 Sessions SET C8: Congruent Shapes Use during NC. SET E1: Bar Graphs Use during NC.	SET A9: Number Puzzles Use during NC. SET D7: Telling Time Use during NC.			
	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY/JUNE
Number Corner	Skip counting; counting by 10's and 1's; basic facts (+); sorting; money; temperature	Skip counting; counting by 10's and 1's; basic facts (+); sorting; money; temperature; time; data	Skip counting; counting by 10's and 1's; basic facts (+); money; temperature; time; data	Skip counting; counting by 10's and 1's; 2-digit addition; money; temperature; time; data	Skip counting; counting by 10's and 1's; basic facts (+ –); 2-D shapes; money; temperature; time; data;	Skip counting; counting by 10's and 1's; basic facts (+ –); 2-digit adding; money; temperature; time; data	Skip counting; counting by 10's and 1's; basic facts (+ –); 2-digit addition; money; temperature; time	Skip counting; counting by 100's, 10's and 1's; basic facts (+ –); adding and subtracting 10's; money; temperature; area; data	Skip counting; counting by 100's, 10's and 1's; basic facts (+ –); 2-digit subtraction; money; temperature; time

Bridges in Mathematics & the Common Core State Standards (CCSS) – Grade 2

	OPERATIONS & ALG. THINKING	NUMBER/OPS. IN BASE 10	MEASUREMENT & DATA	GEOMETRY
2	<ul style="list-style-type: none"> • <i>Word Problem: Add. & Subtraction by 100</i> • <i>Addition & Subtraction Facts to 20</i> • <i>Multiplication as Repeated Addition</i> Bridges Units: 2, 3, 5 Number Corner: Jan–Mar, May Supplement Sets: A1, A2, A7, A9	<ul style="list-style-type: none"> • <i>Place Value to 1,000</i> • <i>Addition & Subtraction w/in 100, w/in 1,000</i> Bridges Units: 5, 7 Number Corner: Sep–Nov, Jan–Apr Supplement Sets: A4, A5, A7, A9	<ul style="list-style-type: none"> • <i>Measure & Estimate Lengths in Standard Units</i> • <i>Relate Addition & Subtraction to Length</i> • <i>Add & Subtract w/in 100 on Number Line</i> • <i>Tell Time, Count Money</i> • <i>Line Plots, Bar Graphs</i> Bridges Units: 5, 6, 7 Number Corner: Sep–Jan Supplement Sets: A6, A9, D2, D3, D5	<ul style="list-style-type: none"> • <i>2-D Shapes</i> • <i>Early Area</i> • <i>Early Fractions with Shapes</i> Bridges Units: 4, 7 Number Corner: Sep–Jan, Mar, May Supplement Sets: None

Pacing Guide (176 Sessions Total)

	SEP–EARLY-OCT 25 SESSIONS	OCT 13 SESSIONS	NOV–DEC 27 SESSIONS		JAN–MID-FEB 25 SESSIONS	MID-FEB–MID-APR 40 SESSIONS	MID-APR–MAY 33 SESSIONS	LATE-MAY–JUNE 13 SESSIONS	
Units	UNIT 1: 17 Sessions Sorting, Patterning & Number	UNIT 2: 9 Sessions Ants	UNIT 3: 21 Sessions Addition, Subtraction & Probability		UNIT 4: 25 Sessions Shapes, Symmetry, Area & Number	UNIT 5: 30 Sessions Branching into Larger Numbers: Money & Place Value	UNIT 7: 23 Sessions Games, Graphs & Toys	UNIT 6: 13 Sessions Get Those Marbles Rolling	
CCSS Supplement Sets	SET D2: Measuring Length in U.S. Standard Units 8 Sessions	SET A4: Place Value 1 Sessions	SET A1: Addition & Subtraction 4 Sessions			SET A5: Multi-Digit Addition 3 Sessions 1 IWS Note: Use the fourth activity in this set during NC starting this month.	SET D5: Telling Time 2 Sessions; 5 IWS		
SET D3: Length Metric Units 3 Sessions		SET A2: Solving Equations 2 Sessions 1 IWS		SET A6: Money 2 Sessions; 1 IWS					
			IWS = Independent Worksheets to be used as homework or seatwork			SET A9: More Multi-Digit Addition & Subtraction 7 Sessions 5 IWS	SET A4: Place Value 3 Sessions; 2 IWS	SET A9: More Multi-Digit Addition/Subtraction: 4 IWS	
							SET A7: Numbers to 1,000: 3 Sessions; 1 IWS		
	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY/JUNE
Number Corner	Skip counting; counting by 10's and 1's; growing patterns; rectangular arrays; counting money	Skip counting by 10's and 1's; basic facts (+ –); repeating patterns; number patterns; counting money	Counting by 10's and 1's; 2-digit addition; sorting; repeating and growing patterns; number patterns; length; bar graphs	Counting by 10's and 1's; fractions; repeating patterns; 2-D shapes; telling time; probability and data	Counting by 10's and 1's; basic facts (+ –); 2-digit addition; fractions; repeating patterns; number patterns; weight; probability and data	Counting by 100's, 10's and 1's; basic facts (+ –); 2- and 3-digit addition; sorting; repeating and growing patterns; counting money; capacity; bar graphs	Counting by 100's, 10's and 1's; basic facts (+ –); 2- and 3-digit subtraction; fractions; number patterns; telling time; counting money	Counting by 100's, 10's and 1's; 2- and 3-digit subtraction; sorting; repeating and growing patterns; number patterns; telling time; area and perimeter; bar graphs	Counting by 100's, 10's and 1's; basic facts (+ – x); 2- and 3-digit addition & subtraction; 3-D shapes; number patterns; telling time; counting money; making change