



Kindergarten

Bridges in Mathematics Kindergarten establishes ways of making sense of math that carry forward with increasing sophistication throughout the grade levels. Through engaging games, projects, and cooperative work, kindergarteners practice counting, learn to read and write numbers to 30, compare and order sets, sort and pattern, pose and solve story problems, and explore shapes and measurement. Students visit a total of 35 Work Places, workstation activities that reinforce ideas explored as a whole group. Work Places provide time for hands-on exploration with Unifix® cubes, pattern blocks, Polydrons, geoboards, and computer software that allows students to manipulate shapes, create quilt blocks, and solve picture puzzles. Skills practice continues during daily Number Corner calendar routines, including Our Month in School and Here's When We Were Born. Students will also receive a total of 26 homework assignments to complete with their families, and five individual interviews are provided for teachers to assess students' progress throughout the year.



Bridges in Mathematics

Bridges in Mathematics is a full elementary school curriculum that provides the tools, strategies, and materials teachers need to implement the NCTM standards. Bridges aligns with NCTM Focal Points, blending concept development and skills practice in a coherent and well articulated curriculum.

Bridges is comprised of two parts: the units and Number Corner. Each unit focuses on a specific mathematical topic, or related topics, and is comprised of a series of 30-minute sessions. Number Corner is a calendar-based component of Bridges that consists of 10–15 minute daily workouts focusing on building and reviewing key skills. The curriculum spirals through the content strands, revisiting key skills and concepts in a variety of ways at different times over the course of the school year and across grade levels.

Lessons incorporate whole-group, small group, and independent work, providing students a wide range of activities and experiences. Students discuss and explore different approaches to problems, often using manipulatives to construct and test ideas as they build meaning and fluency.



Bridges really helped me pull all of the pieces together in terms of content, delivery, and motivation. My students really excel in math and I owe much of that to this curriculum.

— Kindergarten Teacher &
Presidential Award Winner
Roseburg, OR

Kindergarten Scope & Sequence by Month

		AUGUST / SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY / JUNE
K	Units	SESSIONS 1–19 Shapes Naming, Sorting and Graphing 2-D Shapes, Ordinal and Cardinal Numbers, Counting, Comparing Sets, Exploring Probability Literature Connection Butterfly Countdown, Munch, Crunch, What a Lunch!, Poems & Songs Portfolio	SESSIONS 20–33 Bugs Sorting, Graphing, Patterning, Numbers to 10, Counting Forwards and Backwards, Adding and Subtracting 1's, Counting On Literature Connection Butterfly Countdown, Munch, Crunch, What a Lunch!	SESSIONS 34–47 Butterflies Recognizing and Naming Shapes, Patterning, Numbers to 10, Counting, Comparing Sets Literature Connection Poems & Songs Portfolio	SESSIONS 48–56 Ladybugs & Pennies Growing Patterns, Counting by 1's and 2's, Comparing Sets, Adding and Subtracting, Coin Worth and Recognition, Sorting Shapes Literature Connection Poems & Songs Portfolio	SESSIONS 57–71 New Games Numbers to 20, Counting On, Counting by 10's and 1's, Counting by 5's, Comparing and Ordering Quantities, Coin Worth and Recognition Literature Connection Poems & Songs Portfolio	SESSIONS 72–83 Sea Creatures Graphing, Interpreting Data, Addition and Subtraction Story Problems, Numbers to 20, Coin Worth and Recognition Literature Connection Poems & Songs Portfolio	SESSIONS 84–94 Frogs & Toads Numbers to 30, Sorting, Estimating with 10's, 5's and 1's, Growing Patterns, Estimating and Measuring Length with Non-Standard Units Literature Connection Poems & Songs Portfolio	SESSIONS 95–107 More Games Estimating and Measuring Length with Non-Standard Units, Numbers to 30, Comparing Sets, Coin Worth and Recognition, Patterning, Addition and Subtraction Story Problems Literature Connection Poems & Songs Portfolio	SESSIONS 108–121 Shapes & Story Problems Addition and Subtraction Story Problems, Estimating and Measuring Length with Non-Standard Units, Exploring Halves, 2-D and 3-D Shapes Literature Connection Poems & Songs Portfolio
	Number Corner	AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> counting by 1's numeral recognition and writing sorting repeating patterns 2-D shapes reading a calendar 	OCTOBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's skip counting cardinal and ordinal numbers repeating patterns reading a calendar picture graphs 	NOVEMBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition and writing counting by 1's counting by 10's and 1's skip counting cardinal and ordinal numbers repeating patterns reading a calendar picture graphs 	DECEMBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's repeating patterns 2-D shapes reading a calendar picture graphs 	JANUARY Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's repeating patterns odd and even numbers reading a calendar yesterday, today and tomorrow 	FEBRUARY Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's skip counting sorting repeating patterns reading a calendar yesterday, today and tomorrow money Literature Connection Benny's Pennies	MARCH Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's skip counting beginning addition repeating patterns 2-D shapes reading a calendar morning, noon and night probability and data bar graphs Literature Connection Frog and Toad All Year	APRIL Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's skip counting beginning addition repeating patterns odd and even numbers 2-D shapes reading a calendar time to the hour probability and data bar graphs 	MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> numeral recognition and writing counting by 1's counting by 10's and 1's skip counting sorting repeating patterns reading a calendar morning, noon and night time to the hour

Kindergarten Scope & Sequence by Strand

		NUMBER & OPERATIONS	ALGEBRA	GEOMETRY	MEASUREMENT	DATA ANALYSIS & PROBABILITY
K	Units	Sessions 1–19: Shapes Sessions 20–33: Bugs Sessions 34–47: Butterflies Sessions 48–56: Ladybugs & Pennies Sessions 57–71: New Games Sessions 72–83: Sea Creatures Sessions 84–94: Frogs & Toads Sessions 95–107: More Games Sessions 108–121: Shapes & Story Problems	Sessions 1–19: Shapes Sessions 20–33: Bugs Sessions 48–56: Ladybugs & Pennies Sessions 84–94: Frogs & Toads Sessions 95–107: More Games	Sessions 1–19: Shapes Sessions 34–47: Butterflies Sessions 108–121: Shapes & Story Problems	Sessions 48–56: Ladybugs & Pennies Sessions 57–71: New Games Sessions 72–83: Sea Creatures Sessions 84–94: Frogs & Toads Sessions 95–107: More Games Sessions 108–121: Shapes & Story Problems	Sessions 1–19: Shapes Sessions 20–33: Bugs Sessions 72–83: Sea Creatures
	Number Corner	August/September–May/June <ul style="list-style-type: none"> counting by 1's counting by 10's and 1's skip counting cardinal and ordinal numbers numeral recognition and writing beginning addition 	August/September–May/June <ul style="list-style-type: none"> sorting repeating and growing patterns odd and even numbers 	August/September, December, March, April <ul style="list-style-type: none"> 2-D shapes 	August/September–May/June <ul style="list-style-type: none"> reading a calendar yesterday, today and tomorrow morning, noon and night time to the hour identifying and naming coins 	October, November, December, March, April <ul style="list-style-type: none"> picture and bar graphs spinner experiments