



2022/2023 Scope and Sequence

Grade:2nd

Month: Sep/Oct

Content Area:Math

Primary Publisher: Bridges

<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
<ul style="list-style-type: none"> ● Unit 1 sept/ October ● Create glyphs & graphs ● Introduce basic math procedures ● Number fact to 10 ● Fact strategies to 20 ● Addition and subtraction facts ● Fluency with number facts to 20 fluently. ● Students will be able to doubles and halves ● Students will be able to doubles plus one or minus one ● Students will be able to identify odd and even numbers ● ***** 	<ul style="list-style-type: none"> ● Unit 1 Sept /October ● Bridges Beetle Gyph copy materials from ● Unifix cube math station ● Pattern blocks math station ● Geoboards math station ● Beetle Venn Diagram ● Graphing Beetles ● Crating a number rack ● Flash attack ● Match the Beetle ● Five & Tens ● Count & compare Fives ● The double decker bus 	<ul style="list-style-type: none"> ● Unit 1 Sept/october ● Copy Beetle legend, boy, girl shape ● Geoboards ● Pattern blocks ● Butcher paper ● Construction paper 9X12 prepped for each student ● Crayons ● Scissors ● Glue ● Rubber bands ● Months chart prepped ● Copy paper ● Marking pens ● Hoola hoops 	<ul style="list-style-type: none"> ● Unit 1 Sept/Oct ● Easy CBM ● Unit 1 pre assessment ● Unit 1 Post assessment ● Number point checkpoint <p>*****</p>	<p>Teacher pay teacher supplemental exit tickets, graphing,word problems</p> <ul style="list-style-type: none"> ● Addition subtraction from tpt ● Number line printables from TPT ● Two place addition practice TPT ● Three place addition practice tpt ● Clock worksheets TPT ● Expanded form Tpt ● Standard form tpt ● Base ten TPT

	<ul style="list-style-type: none"> ● Number combinations ten & more ● Make the sum ● Doubles & Halves ● Count & Compare twos ● Doubles plus or minus one ● How many ways to seat the guests ● Battling Bugs ● What's the Difference ● Racks, Strings & Number lines ● Modeling & Solving Story problems ● The Addition table ● Turn them over ● The Addition Table part 2 ● <p>*****</p> <p>Module 1 Inches & Feet Teacher feet Giant feet Head strings Inchworm rulers Estimate & Measure Inches</p>	<ul style="list-style-type: none"> ● 3x 5 cards ● Pocket chart ● Number racks ● Pipe cleaners ● 10 red beads ● 10 white beads ● Tape ● Count and compare game board print for each student ● Count and compare cards printed out for each student ● Unifix cubes ● Spinners ● Demonstration number rack ● Number card decks for each pair of students ● Game markers ● Kidney beans ● Dice ● Colored pencils ● Number line to 20 mats class set ● Student book pg 1-8 ● Number Corner pgs 1-22 ● ***** 		<ul style="list-style-type: none"> ● Measuring TPT ● Supplemental number line TPT ● Supplemental TPT measuring ●
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2022/2023 Scope and Sequence

Grade:2nd

Month: Nov/Dec

Content Area:Math

Primary Publisher: Bridges

<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
UNIT 2 Nov/Dec <ul style="list-style-type: none"> • Students will identify place value Hundreds tens one • Students model 2-3-digit numbers • Students will manipulate arrays,decompose numbers • Add numbers by regrouping sets of tens and ones. • Write standard expanded notation • Students will be able to measure nonstandard units • Students will be introduced to perimeter 	Unit 2 Nov/ Dec <ul style="list-style-type: none"> • Counting Beans • Unit 2 assessment • How many more How many fewer • Show me Tens & Ones • Base Ten Riddles • Rows & Dots • Place Value Check point • Measuring Beans for JackMeasuring • Jack's Garden Beds • Measuring Beans Checkpoint • Introduce Number Line • Strips of Ten • Introduce Work Place • Beans for Sale • Bucket of Beans • Turning Vines into Ropes 	Unit 2 Nov/ Dec <ul style="list-style-type: none"> *Portion cups * Jack and the Beanstalk story • White yellow blue construction paper. • Margarine tubs • Large base ten pieces • White boards • Markers • Erasers • Spinner overlays • Adding machine tape • Craft sticks • Paper clips • Butcher paper • Leaps & Ten spinner • Leaps Record sheet one copied for each student 	Unit 2 Easy CBM Unit 2 pre-assessment Unit 2 Post assessment	<ul style="list-style-type: none"> •

<ul style="list-style-type: none"> • Students will learn how to use open number lines to solve addition problems • Students will learn how to make jumps of 1, and 10's • Students will recognize, count and extend patterns of 2's • Students will be exposed to multiplication • Students will learn to count by three's <p>Dec Unit 3 Students will work with numbers 0 to 100. They will work on place value. They will work on skip jumping They will work on solving story problems. They will work on two digit numbers with addition. They will begin working on graphing.</p>	<ul style="list-style-type: none"> • Unit 2 Post assessment • Thinking About Twos • Examining the Twos Chart • Extending the Twos chart • Place value checkpoint <p>Module 1 unit 3 *Tens & ones Skip trips Star power Stick flash</p> <p>Module 2 unit 3 How much older Solving problems on the number line Height & length problems Hit the zone Addition & subtraction Checkpoint</p> <p>MOdule 3 Unit 3 Introducing parcel story problems Solving picture problems Creating picture problems Solving student posed story problems Shopping for story problems</p> <p>Module 4 Unit 3 The many colors part 1, 2 & 3</p>	<ul style="list-style-type: none"> • Glue sticks • Yardstick • Teacher masters For each unit copies mad for each student <p>Dec *Preassessment Steps & leaps record sheet LEaps Ten spinner Star power record sheet Star Power score sheet Five in a Row game</p> <ul style="list-style-type: none"> • Craft sticks bundled • Making tape • Tape measure • Yard stick • Rulers • White boards • Markers • Erasers • Lima beans • Number dice • Half sheet cont. Paper • 9X12 const paper • 1 set of base ten area pieces • 10 red hundreds pieces • 1 base ten spinner • Clipboard • Scissors, crayons, glue tape • 3x6 const. Paper • 15 decks of number cards • Pens black,blue, red green 		
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		<ul style="list-style-type: none">• Graphing forms		
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2022/2023 Scope and Sequence

Grade:2nd

Month: Jan

Content Area:Math

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<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
<p>Jan Unit 4 Customary measurement Traditional tools Standard measurement</p> <p>Yards and rulers Practice measuring Measure objects Find the difference between object measurements. Intro to ratios and proportions Extend counting by three's Fractions and measurement</p>	<p>Module 2 From feet to Yards MEasuring in Yards Twice as Tall Measure & compare Inches Feet & yards checkpoint</p> <p>Module 3 Foot worms Yard worms Outside the Giants Door How tall is the Giants Door A real life Giant</p> <p>Module 4 thinking in Threes The paper circle problem Thinking about threes The snow peoples three's chart Patterns & problems with Threes.</p>	<p>Jan Unit 4 Rulers Base ten pieces Butcher paper Teacher feet printable Yard stick</p> <p>Jlm and the Beanstalk by Raymond Briggs Colored tiles 30' length of string class set Felt pents Blue masking tape Chart paper 12X 18 drawing paper Twelve Snails to One Lizard by Susan Hightower Adding machine tape Jumbo paper clips Inchworm rulers</p>	<p>Preassessment unit 3 Midcheck unit 3 End of unit check unit 3 Easy cbm progress monitor</p> <p>Jan unit 4 Easy cbm winter assessment Easy cbm progress monitor Ixl math assessment Pre & post assessment unit 4</p>	<ul style="list-style-type: none"> •

		Measuring tapes More or less dice Measure & compare cards 8 push pins White const paper Unifix cubes 3 white const paper circles 6x10 light blue const. Paper Scraps of const paper White butcher paper 55" wide 91' long		
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2022/2023 Scope and Sequence

Grade:2nd

Month: February

Content Area:Math

Primary Publisher: Bridges

<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
<p>Feb Unit 5</p> <p>Students will be able to count to the number 1,000</p> <p>Students will be able to build place value</p> <p>Students will practice adding and subtracting 10 with numbers in the range 0-20</p> <p>Students will use money to practice place value. Students will use money to make combinations to 1.00</p> <p>Student count forward and</p>	<p>Feb Unit 5</p> <p>*Introducing one Thousand</p> <p>*Pick up Sticks</p> <p>*One Thousand Cubes</p> <p>*Place Value Triple Roll</p> <p>Jump A ten</p> <p>*Two Dimes & a Nickel</p> <p>*Close to 25 cents</p> <p>Beat you to 1.00</p> <p>Pocketful of Coins</p> <p>Dollars & Coins</p> <p>Three Spins to Win</p> <p>One Thousand Clips</p> <p>Measuring with clip chains</p> <p>Broken Chains</p> <p>Chain number line</p>	<p>Feb Unit 5</p> <p>3x 5 index cards</p> <p>Chart paper</p> <p>Plastic coins</p> <p>6 basket</p> <p>Craft sticks</p> <p>2 cafeteria trays</p> <p>Blue masking tape</p> <p>3x5 red const * Blue const.</p> <p>1 dice</p> <p>1 yellow game marker</p> <p>1 red game marker per student</p> <p>Penny</p> <p>1 deck of close to 25 cents cards</p> <p>100's chart</p>	<p>Feb Unit 5</p> <p>Easy cbm progress monitor</p> <p>1x1 math assessment</p> <p>Pre & post assessment</p>	<p>•</p>

<p>backwards by ten</p> <p>Add and subtract multiples of 10, 100, 1000</p> <p>Describe geometric arrangement search for patterns</p>	<p>Unifix Cubes Sequences Part 1 & part 2</p> <p>Pattern Block Sequences</p> <p>Tile Sequences</p>	<p>How many dots cards</p> <p>Beat you to 1.00 game & spinner</p> <p>Sentence strip</p> <p>Sticky notes</p> <p>Pocket chairs</p> <p>Paper clips two different colors</p> <p>Unifix cubes</p> <p>Pattern blocks</p> <p>Colored tile</p>		
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2022/2023 Scope and Sequence

Grade:2nd

Month: March

Content Area:Math

Primary Publisher: Bridges

<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
<p>March Unit 6 Students will be able to use two dimensional shapes Students will be able to become familiar with equilateral triangles and quadrilaterals. Exploration of area Concept of area introduced Explore of shapes and fractions of shapes Creation of quilt patterns</p>	<p>March Unit 6 Last shape wins game board The Greedy Triangle Construct & Draw Quadrilaterals Sorting Triangles & Quadrilaterals Guess My Shape Exploring area with pattern blocks Exploring area with pattern blocks Exploring area with geoboards Find the area Make the Area Measuring paper Rectangles Explore tesslations Dash quilt Creating patchwork mini quilts The Sandwich problem</p>	<p>March Unit 6 Pattern blocks Last shape gameboard Geoboard Rubber bands "The Greedy Triangle" Vocabulary cards Pocket chart 5' square const paper Chart paper rulers Unifix cubes Small envelopes Scissors Rulers Base ten pieces " A cloak for the Dreamer" Glue sticks White board 2x2 squares Colored tiles Sticky notes</p>	<p>March Unit 6 Easy cbm progress monitor IxI math assessment Pre & post assessment</p>	<ul style="list-style-type: none"> •

		Writing paper Yard stick Butcher paper Copy paper cut into 4' squares 2 inch squares 3x5 index cards Tissue paper 4" pastel const paper Tape		
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2022/2023 Scope and Sequence

Grade:2nd

Month: April

Content Area:Math

Primary Publisher: Bridges

<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
<p>April Unit 7</p> <p>Students will be able to: Use rulers to measure length in centimeters. Find length using rulers Adding and subtracting two digit numbers</p> <p>Estimate, measure and compare lengths Grouping by 2, 3 and 4 Fractions Metric measurement Adding and subtracting three digit numbers Use money story problems Draw and write story problems</p>	<p>April Unit 7 Race to the Cookie Jar How long is an Army Ant Estimate and measure centimeters</p> <p>One Hundred Army Ant & More Ant Paths One Hungry Ants Ant Treats Fraction Races Bug SPinner part 1, part 2 The Ants Toy store Toy store problems Solving Toy store picture problems A closer look at our strategies</p> <p>Creating Toy Store Problems part 1, part 2 Solving Story problems</p>	<p>April Unit 7 “ One Hungry Ants”</p> <p>Work place log Pre-assessment</p> <p>Race to the Cookie Jar game board Plastic coins Whiteboards Markers Erasers Pencils Kidney beans for markers Paper dollars Privacy screens Poster board Glue sticks Scissors Rulers Video about Ants Adding machine tape</p>	<p>April Unit 7 Easy cbm progress monitor Ixl math assessment Pre & post assessment</p>	<ul style="list-style-type: none"> •

	Together Shopping For Toy Store problems part 1 & part 2	Paperclips Measuring tapes Blue masking tapes Brown const Paper towels Small paper plates Spinner overlays 3x3 sticky notes Calculators Gardener spinner White copy paper Toy story picture problems White boards Clipboards Half envelopes		
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2022/2023 Scope and Sequence

Grade:2nd

Month: May/June

Content Area:Math

Primary Publisher: Bridges

<i>What our students will know and be able to do</i>	<i>Learning Activities</i>	<i>Materials</i>	<i>Assessment tools</i>	<i>Notes</i>
May /June Unit 8 Place value three digit addition, subtraction place value Observe speed & Distance make hypothesis	May/June Target Seven Hundred Solving Story problems Sum it up Larger numbers on a number line Roll & subtract one Thousand Exploring Marbles & Ramps Introducing longer tubes Introducing Marbles that differ in mass Marble Roll ramp height experiment Plotting & Analyzing the Ramp Height Data Marble roll experiment 2 Plotting & analyzing Marble mass Data Designing Mega-Marble Rolls Building Mega- Marble Rolls Find someone who Collecting the Data	May/June 1 dice number to 9 25 mats 18 strips and 18 units Cafeteria trays 3x5 index cards 2 pieces of 3x5 const. Paper Whiteboards, markers erasers Number card decks 9x12 green const. Paper Chart paper Scratch paper Number lines for students Marbles Measuring tape Camera Toilet paper rolls Paper towel rolls Unit blocks Large beach towel Steel balls Wooden balls	May/June	•

	Graphing & Analyzing the Data	Colored tiles Balance scales Adding machine tape 3x3 sticky notes Colored pencils Line plot		
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