2022/2023 Scope and Sequence

Grade: 1st Month: Sept/Oct

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Count by 2s • Count by 5s • Understand tallies and grouping by 5s (“make a gate”) • Understanding money value of nickels and pennies • Understanding teen numbers as “ten and more” • Understanding number trees • Creating word problems out of number sentences • Writing the date in numerical and expanded form • Able to identify the two dimensional shapes: triangle, trapezoid, rhombus,	• Twin pop popsicle graphing • Using craft sticks to make tallies • Using whiteboards to make tallies • Calendar collection and graphing • Matching addition flashcards to double ten frames • Tad the Toad on the Number Line, hide and seek, etc. • Calendar observations • Recording each date • Ten frame mat counting with unifix cubes	• Anchor chart paper • Popsicles, popsicle sticks, popsicle templates • Whiteboards/ markers • Plastic nickels and pennies, paper nickels and pennies, large graph. • Flashcards to 20 (10+4 = 14) • Double ten frames • Number line 1 - 20 • Tad the Toad card • Calendar markers	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	• This time of year is heavy on assessments and introducing procedures for small groups/rotations, so there is less time for instruction.

hexagon ● Understanding graphing and comparing data ● Creating addition facts to 10 ● Understanding the 20s and 30s family		● Calendar Observation sheet ● Wet erase date page, wet erase marker ● Pattern blocks ● Pattern block graph ● Ten frames ● Unifix cubes ● Anchor Charts ● Number line 20 - 40		

2022/2023 Scope and Sequence

Grade: 1st Month: Nov

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Solve word problems • Subitize to 10 • Addition to 10 • Correctly write numbers to 10 • Understanding fractions (1 whole, ½, and ¼) • Understanding time to the hour • Understanding time within a 24 hour period (i.e. what happens at 6:00am, what happens at 2:00pm, etc) • Knowing Double to 10 • Understanding numbers to 50	• Word Problem practice sheets • Using number racks to show different ways to create 10 • Using white boards to show different ways to make 10 • Flip and Write game • Calendar grid observations • Folding circles in half/quarters • Folding squares in half/quarters • The Color Five fraction game • Color in Calendar Collection Clock • Calendar Collection timeline strip • Doubles Facts with 10 frames	• Word problem practice sheets • Number racks • White boards/ markers/erasers • Flip and Write game + sheet protectors/white board markers • Calendar grid observation chart • Calendar markers • Circles to cut • Squares to cut • 1-4 Spinner • Color Five Fraction Game Record Sheet • Paper Calendar Collection Clock • Calendar Collection timeline strip • Doubles ten frames • Number Line 30 - 50	• Observation	•

	• Ten Frame Finger Flash • Games on the Number Line - counting forward and backwards, Guess my number, etc.	• Tad the Toad		

2022/2023 Scope and Sequence

Grade: 1st Month: Dec

Content Area: Math Sub Content: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Addition to 10 • Understanding money value of nickels and pennies • Understanding 3-dimensional shapes (cylinder, sphere, rectangular prism, cube) • Understanding properties/vocab of 3-dimensional objects: surface, edges, vertices • Continue learning time to the hour, focus on PM • Writing time in digital format • Doubles and halves within 20 • Understanding numbers to 60	• "Show me the Numbers" game • "Which Coin Will Win" game • Calendar Grid Observations • Double ten frames games • Counting forwards and backwards on the number line • Playing "guess my number"	• Number racks • Show Me the Numbers worksheet • Which Coin Will Win sheet • Page protectors • White boards • White board markers/erasers • Calendar markers • Calendar grid observations • Double ten frames • Display chart • Index cards (to create number trees) • Number Line to 60 • Tad the Toad	• Observation • Completion of Show Me the Numbers Worksheet	• There were only 2 weeks 2 days of school in December; I was out sick quite a bit and made sub plans outside of the curriculum lessons

2022/2023 Scope and Sequence

Grade: 1st Month: Jan.

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Basic algebra: equations with unknowns (ex. 6+__ = 8) in both equation and word problem format • Understand fact families • Understand the value of dimes and pennies • Write 2 digit numbers in expanded form (47 = 4 tens + 7 ones) • Understand numbers in the 70s and 80s • Count by 5s	• White board practice • Penny and Dime poems every day • Writing the days in school in expanded form • Count forward and backward within 70 and again within 80 • Play “Guess my number” within 70s and 80s	• White boards, pens, and erasers • Number Corner materials	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	• Completed winter assessments in IXL Diagnostic and EasyCBM, which consumed a lot of time.

2022/2023 Scope and Sequence

Grade: 1st Month: Feb.

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Recognize, describe, and extend shape patterns • Understand the concept of "congruent shapes" • Read and write numerals within 120 • Identify, name, describe, and compare two dimensional shapes including triangles, rectangles, parallelograms, rhombuses, and trapezoids • Draw a two dimensional shape with specific defining attributes • Order numerals to 120	• Observe and identify shapes on the daily calendar square • Geoboard practice • Collect Unifix cubes and record data on collection sheet • Order data collection • Estimate and count the month's collection total • Celebrate the 100th day of school with 100 cups, 100 "gumballs" • 100 Acts of Kindness, and 100 Words we know how to spell	• Number Corner materials • White boards, pens, and erasers • Number Corner Workbook • Geoboards + rubber bands • Unifix cubes • 100th Day activities (giant gumball machine paper, daubers, 2 poster boards, 100 red plastic cups) • 10 frames	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	•

• Group and count objects by 10 • Compare pairs of 2 digit numbers, based on an understanding of what the digits in the tens and ones place represent • Demonstrate an understanding that an equal sign indicates equivalence • Add with sums to 100 • Solve story problems involving addition of 3 whole numbers whose sum is less than or equal to 20 • Count by 5s and 10s to 100	• On whiteboards, practice adding 3 numbers, finding the “easy” way. (ex. 8+5+2, the “easy” way is to add 8+2 first, to get 10, and then add the 5) • Use 10 frames to demonstrate the “easy” way • White board practice in solving word problems with 3 addends • Game: Roll 20			

2022/2023 Scope and Sequence

Grade: 1st Month: March

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Recognize, describe, and extend number patterns • Read numerals within 120 • Tell and write time in hours and half-hours using analog and digital clocks • Use the terms halves and half of to talk about the 2 equal parts into which a circle has been partitioned • Count by 5s and 10s within 100 • Understand the value of nickels, dimes, and pennies • Determine the value of a collection of a value of coins	• Tell the time displayed on the calendar marker each day • Use mini clocks to show a given time to the hour and half hour • Match digital and analog clocks • Various time telling worksheets • Spin the Pennies, Nickels, and Dimes spinner each day and count the money shown, add to collection and graph it • Count collection total each week • Compare weekly	• Number Corner materials • Mini clocks • TPT worksheets (Moffatt Girls) • Number Corner Workbook pages • White boards, pens, and erasers • Unifix cubes	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	•

totaling less than $1.00 ● Read a graph and interpret data ● Read and write numerals to 120 ● Write and understand 3 digit numbers in expanded form ● Add and subtract fluently within 10 ● Use strategies to add and subtract within 20 ● Determine whether addition equations are true ● Understand numbers in the 90s and to 110	totals at the end of the month and order from least to greatest ● Use 10-frame dot cards to add and subtract within 10 ● Use 10 frames and unifix cubes to show adding and subtracting within 10 ● Use Number Line to count up and down numbers from 90 to 110 ● Play Hide and Seek with Tad on Number Line between 90 and 110			

2022/2023 Scope and Sequence

Grade: 1st Month: April

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Recognize, describe, and extend shape patterns • Understand the concept of symmetry, and the vocabulary word "symmetrical" • Read and write numerals within 120 • Identify, name, describe, and compare 2-dimensional shapes including circles, ovals, triangles, rectangles, squares, rhombuses, trapezoids, parallelograms, pentagons, hexagons, and decagons	• For each calendar marker, have a paper copy of the shape for students to fold into symmetrical shapes to identify all the ways a shape can be divided • Each day, identify the calendar shape, as well as how many ways it can be divided symmetrically. Discuss figure attributes. • Each day spin the spinner to determine how many popsicle sticks can be	• Number Corner Materials • Paper copies of the calendar shapes • Popsicle sticks • Rubber bands • Number Corner workbook • TPT games re: doubles and doubles+1	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	•

● Partition a figure into 2 or 4 equal parts ● Use the terms Halves and Half of to talk about the 2 equal parts ● Use the terms fourths, quarters, fourth of, and quarter of to talk about the 4 equal parts ● Demonstrate an understanding that as a shape is partitioned into a greater number of equal parts, the size of the parts gets smaller ● Demonstrate an understanding that 10 can be thought of a bundle or group of 10 ones, called a ten ● Order three objects by length; compare the lengths of two objects indirectly by using a 3rd object ● Measure the length of an object by laying multiple copies of a shorter unit end to end ● Demonstrate an understanding that the length measurement of an object is the number	collected. Group into 10s as needed. Record data with tallies. ● Measure items in the classroom with popsicle sticks. Record in Student Workbooks. ● Estimate and count the month's collection total of popsicle sticks ● Complete the "missing numbers" grid page, several times, in the Number Corner workbook ● Teach/play the 120 game ● Play "Guess my number" on the number grid (using greater than/less than language) ● Use the number line to sequence decade numbers ● Use the number line to practice adding and subtracting by 10s ● TPT games re: doubles and doubles +1			

of same-size length units that span it with no gaps or overlaps ● Count by 5s and 10s to 100 ● Demonstrate an understanding that multiples of 10 from 10 to 90 refer to some number of tens and 0 ones ● Mentally find the number that is 10 more or 10 less than a given 2 digit number without counting ● Add a multiple of 10 (up to 80) and another 2 digit number ● Double Numbers ● Double Numbers +1				

2022/2023 Scope and Sequence

Grade: 1st Month: May

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Recognize, describe, and extend number patterns • Read, write, and order numerals to 120 • Add within 100, including adding a 2 digit number and a multiple of 10 • Given a 2 digit number, mentally find 10 more or less without counting • Mentally subtract multiples of 10 within the range of 10 - 90 • Understand the value of a quarter and be able to calculate the value of several quarters at once	• Each day, follow the calendar square directions to color in one more square on the 120 grid in the student workbook • Solve number puzzles on the number puzzles page • Complete the 10 more/less picture pages in the workbook • Teach students the “quarter” song • Collect one quarter each day and track, both on a grid and with fake money, the amount	• Number Corner materials • Number Corner workbooks • White boards, pens, and erasers • TPT Double It and Double It+1 games	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	• We did Spring Assessments in May for IXL Diagnostic and EasyCBM, which consumed a large amount of instructional time

• Count by 5s and 10s to 100 • Add within 100, including adding a 2 digit number and a 1 digit number • Given a 2 digit number, mentally find 10 more or 10 less • Subtract multiples of 10 within the 10 - 90 range • Determine whether addition or subtraction statements are true • Measure the length of an object by laying multiple copies of a shorter object end to end • Partition a circle or a rectangle into 2 or 4 equal parts • Double numbers up to 10 • Double numbers up to 10+1	• Play the 120 game • Find “number neighbors” on the 100s chart • Play “take 2, roll and add” • Play “Guess my Number” on the number grid • Use number line to reinforce the concept of counting up and down by 10s (ex. 2, 12, 22, 32) • Complete the number path’s page • White board practice • Double it and Double it + 1 games			

2022/2023 Scope and Sequence

Grade: 1st Month: June

Content Area: Math

Primary Publisher: Bridges/Number Corner

What our students will know and be able to do	***Learning Activities***	***Materials***	***Assessment tools***	***Notes***
• Understand the numerator and denominator in a fraction • Understand that a fraction is a part of a whole • Be able to read and write fractions with understanding	• White board practice • Creating a “Fraction Robot” in class	• White boards, pens, and erasers • Papers for Fraction Robot, scissors, glue sticks	• Observations, esp. with whiteboards • IXL Diagnostic • EasyCBM	• Last few weeks of school - lots going on. We tried to cram in some math learning anyway. :)