

2nd Grade Math: Curriculum Map: 2024-2025 School Year

Month	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment
September Topic 1: Fluently add and subtract within 20	*Review of 1 st Grade through Spiral Reviews Use place value understanding and properties of operations to add/subtract Fluently add and subtract within 20 using strategies.	Review EnVision Topic 1	Standard form Word Form Expanded Form Ones, Tens, Hundreds Place, doubles, near doubles, equation, addends, sum, difference, even, odd, array, rows, columns	*2 nd Grade Readiness test i-Ready AimsWeb Exit tickets
October Topic 2: Work with Equal Groups	Add/Subtract w/in 20 Work w/ equal groups of objects to gain foundations for multiplication. Use place value understanding and properties of operations to add/subtract	EnVision Topic 1 and 2	even, odd, array, rows, columns, tens, ones,	* EnVision Topics 1 and 2 Assessments *iReady Progress Monitoring Assessment Exit tickets
November Topic 4: Fluently add within 100	Fluently add and subtract within 100 using strategies based on place value, operations, and/or the relationship between addition and subtraction	EnVision Topic 4	regroup, partial sum, mental math, compatible numbers	EnVision Topic 4 Assessment EnVision Topics 1-4 Cumulative Assessment *iReady Progress Monitoring Assessment Exit tickets
December Topic 6: Fluently subtract within 100	Fluently add and subtract within 100 using strategies based on place value, operations, and/or the relationship between addition and subtraction	EnVision Topics 6 **teacher made work for setting up standard algorithm of adding and subtracting multiple digit numbers -Fluency practice assessment worksheets	tens, ones, regroup, mental math, compatible numbers,	-Topic 6 Assessment *iReady Progress Monitoring Assessment Exit tickets

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	Use addition and subtraction to solve one step word problems			
January Topic 7: More Solving problems involving addition and subtraction	Represent and solve problems involving addition/subtraction	EnVision Topics 7	bar diagram, compatible numbers, difference, equation, open number line, regroup, sum	EnVision Topic 7 Assessments EnVision Topics 1-8 Cumulative Assessment Diagnostic i-Ready assessment
February Topic 8: Work with time and money	Tell and Write time from analog and digital clocks. Work with time and money. Count a mixed collection of coins whose sum is less than one dollar. Solve real world and mathematical problems within one dollar involving quarters, dimes, nickels, and pennies using the cent sign appropriately	Envision Topic 8	a.m., cents, dime, dollar, dollar bills, dollar sign, greatest value, half dollar, half past, least value, nickel, penny, p.m., quarter, quarter past, quarter to, tally mark	Envision Topic 8 assessment *iReady Progress Monitoring Assessment Exit Tickets
March Topic 9: Numbers to 1,000 Topic 10: Add within 1,000 using models and strategies	-Understand place value and count by hundreds to 1,000 -Tell the value of a digit by where it is placed in a number -read and write 3-digit numbers in expanded form, standard form, and word form -skip count by 5s, 10s, and 100s using a number line -compare numbers using place value -comparing number using greater than and less than -add within 1,000 using models and strategies	EnVision Topics 9 & 10	Hundred, thousand, digit, place value chart, standard form, expanded form, word form, compare, greater than, less than, equal to, decreased, increased difference, hundreds, regroup	EnVision Topics 9 & 10 Assessments *iReady Progress Monitoring Assessment Exit Tickets

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<p>April</p> <p>Topic 11: Subtract within 1,000 using models and strategies</p> <p>Topic 12/14: Measuring</p>	<p>-Subtract within 1,000 using models and strategies</p> <p>-subtract 10 or 100 mentally using place value strategies</p> <p>-use models to subtract 3-digit numbers</p> <p>-use models and place value to subtract</p> <p>-Measure and estimate lengths in standard units using yard sticks, meter sticks, measuring tape</p>	<p>Envision Topic 11 & (12/14)</p>	<p>Regroup, borrow, difference, centimeter, estimate, foot, height, inch, length, meter, nearest centimeter, nearest inch, yard</p>	<p>Topic 11 assessment</p> <p>*iReady Progress Monitoring Assessment</p> <p>Exit Tickets</p>
<p>May</p> <p>Topic 13: Shapes and their attributes</p>	<p>Reason w/shapes and their attributes</p>	<p>EnVision Topics (12/14) & 13</p>	<p>angle, cube, edge, equal shares, face, fourths, halves, hexagon, pentagon, polygon, quadrilateral, right angle,</p>	<p>EnVision Topics 1-12 Cumulative Assessment</p> <p>Envision Topics (12/14) & 13 Assessments</p> <p>Diagnostic i-Ready Assessment</p> <p>Exit Tickets</p>
<p>June</p> <p>Topic 15: Graphs and data</p>	<p>Represent and interpret data</p>	<p>Envision Topic 15</p>	<p>Bar graph, data, line plot, picture graph, symbol, tally mark</p>	<p>Envision Topic 15 Assessment</p> <p>EOY Cumulative Assessment</p>

****Writing is included in almost every lesson of the EnVision Math Program. Students must restate and answer mathematical questions using complete sentences. 2L3: Use knowledge of language and its conventions when writing, speaking, reading, or listening.

Created by Jamie Bump and Rachele Preston 7/30/2024