

## First Grade Math Year at a Glance-Blueprint 2020-2021

	Unit	Fact Fluency/Kim Sutton
Quarter 1	Establish Math Routines First 20 Days Math Routines (Days 1-2)	Set up the classroom number line & daily 3 routines.
	Place Value & Numbers to 20 (Part 1 of 2) <ul style="list-style-type: none"> <li>• Represent using objects, pictures, numbers, and expanded form</li> <li>• Compare numbers using comparative language</li> <li>• Compose and decompose in more than one way</li> <li>• One more/one less</li> <li>• Part/part/whole</li> <li>• Subitization</li> </ul> Continue First 20 Days Math Routines (Days 3-16)	8/19-8/30: Counting Strategies I 9/3-9/16: Counting Strategies II 9/17-9/30: Counting Strategies III 10/1-10/11: Counting Strategies IV
	Understanding Addition and Subtraction to 20 <ul style="list-style-type: none"> <li>• Add/Subtract by counting on and counting back by using unifix cubes, hundreds charts, number lines, part/part/whole/, and ten frames</li> <li>• Compose 10 with two or more addends using number bonds and unifix cubes</li> <li>• Making addition and subtraction stories and explain strategies used</li> </ul> Continue First 20 Days Math Routines (Days 17-20)	
	Addition and Subtraction Facts to 20 <ul style="list-style-type: none"> <li>• +/-1</li> <li>• +/-0 (Zero Property)</li> <li>• +/-2</li> <li>• Doubles</li> <li>• Making 10</li> <li>• Commutative and Associative Properties</li> </ul>	
Quarter 2	Geometry: Two-Dimensional Shapes & Fractional Parts <ul style="list-style-type: none"> <li>• Identify and create shapes and describe their attributes</li> <li>• Classify and sort shapes based on attributes</li> <li>• Compose shapes by joining figures to make a target shape.</li> <li>• Partition shapes into halves and fourths</li> <li>• Examples and non-examples of halves and fourths</li> </ul>	10/12-10/15: Counting Strategies IV 10/16-10/29: Even/Odd Addition Strategies 10/30-11/12: Plus/Minus Zero Strategies 11/13-12/3: Plus/Minus One Strategies 12/4-12/17: Addition Combinations to Make 10 Strategies
	Geometry: Three-Dimensional Solids <ul style="list-style-type: none"> <li>• Identify solids and describe their attributes</li> <li>• Classify and sort solids based on attributes</li> </ul>	
	Measurement: Length Using Non-Standard Units <ul style="list-style-type: none"> <li>• Use tools to measure length (non-standard)</li> <li>• Describe how different objects give different measurements</li> </ul>	
Quarter 3	More Addition and Subtraction <ul style="list-style-type: none"> <li>• Problem Solving</li> </ul> Solving for Unknowns	1/7-1/21: Doubling Strategies
	Place Value & Numbers to 120 (Part 2 of 2)	

	<ul style="list-style-type: none"> <li>• Represent using objects, pictures, numbers, and expanded form</li> <li>• Compose and decompose in more than one way</li> <li>• One more/one less</li> <li>• 10 more/ten less</li> </ul>	1/22-2/4: Double Plus/Minus One Strategies 2/5-2/20: Adding Ten Strategies 2/21-3/5: Adding/Subtracting Nine Strategies 3/6-3/13: Inverse Operational Strategies
	Compare and Order Numbers to 120 <ul style="list-style-type: none"> <li>• Comparing numbers using comparative language to 120</li> <li>• Order numbers to 120 using Place Value and Open Number Line</li> <li>• Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math> to 100</li> </ul>	
Quarter 4	Data: Bar Graphs and Picture Graphs <ul style="list-style-type: none"> <li>• Collect, sort, and organize data up to 3 categories</li> <li>• Use data to create bar and picture graphs</li> <li>• Draw conclusions, generate/answer questions using information from bar and picture graphs</li> </ul>	3/23-3/26: Inverse Operational 3/27-4/9: Groups of Two (Skip Counting) Strategies to 120 4/13-4/24: Groups of Five (Skip Counting) Strategies to 120 4/27-5/8: Groups of Ten (Skip Counting) Strategies to 120 5/11-5/21: Revisit Blocks
	Telling Time to the Hour and Half-Hour Use analog and digital clocks	
	Money: Coins <ul style="list-style-type: none"> <li>• Identify coins by their value</li> <li>• Describe relationship between coins</li> <li>• Count by 2s, 5s, and 10s to determine value of collection of pennies, nickels, and/or dimes</li> <li>• Use cent symbol</li> </ul>	
	Personal Financial Literacy <ul style="list-style-type: none"> <li>• Define money as earned income</li> <li>• Wants/needs</li> <li>• Spending/saving</li> <li>• Charitable giving</li> </ul>	
	Review Numbers to 120 Review Addition and Subtraction Concepts	