

**Building – Elementary School  
Grade Level – 1<sup>st</sup> Grade  
Subject - Math**

<b>Month</b>	<b>IL Learning Standards</b>	<b>Unit and/or Essential Question Content and/or Skills</b>	<b>Assessments and/or Products</b>
August	<p>STATE GOAL 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p> <p>STATE GOAL 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.</p>	<ul style="list-style-type: none"> <li>• Number recognition, counting, writing, one-to-one correspondence and ordering numbers 0 – 9</li> <li>• Identifying squares and circles</li> <li>• Place objects on a graph</li> <li>• Fewest, most, least, greatest, smallest, largest</li> </ul>	<p>Math assessment 1, Lesson 10. This assessment tests numbers 1 – 5.</p>
September	<p>STATE GOAL 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.</p> <p>STATE GOAL 8: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p> <p>STATE GOAL 10: Collect, organize and analyze data using statistical methods; predict results; and</p>	<ul style="list-style-type: none"> <li>• Identifying triangles and rectangles</li> <li>• Identifying angles and sides</li> <li>• Recognizing and counting pennies</li> <li>• Seasons</li> <li>• Sorting by one attribute</li> <li>• Dividing a solid in half</li> <li>• Graphing (pictograph)</li> <li>• Ordinal numbers 1 – 6</li> <li>• Doubles addition facts</li> <li>• Number sentences</li> <li>• Directionality – left and right</li> <li>• Shape patterns</li> <li>• Number patterns</li> </ul>	<p>Math Assessment 2</p> <ul style="list-style-type: none"> <li>• shapes , squares and circles</li> <li>• pictograph</li> <li>• left and right</li> </ul> <p>Math Assessment 3</p> <ul style="list-style-type: none"> <li>• ordinal numbers</li> <li>• shapes, sides and angles</li> </ul> <p>Math Assessment 4</p> <ul style="list-style-type: none"> <li>• Number sentences</li> <li>• counting pennies</li> <li>• ordinal numbers</li> <li>• writing numbers 1 - 20</li> </ul>

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	interpret uncertainty using concepts of probability. STATE GOAL 8: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.		
October	STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. STATE GOAL 8: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. STATE GOAL 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.	<ul style="list-style-type: none"> <li>• Identifying attributes</li> <li>• Weight – lighter &amp; heavier</li> <li>• Adding 1 to a number</li> <li>• Number sentences</li> <li>• Counting backward 10 to 1</li> <li>• Identifying morning, afternoon, evening, and night</li> <li>• Measuring length and width with nonstandard units</li> <li>• weighing objects using nonstandard units</li> <li>• Story problems</li> </ul>	Math Assessment 5 <ul style="list-style-type: none"> <li>• story problems</li> <li>• number sentences</li> <li>• ordinal numbers</li> <li>• number recognition</li> <li>• 1 to 1 correspondence</li> </ul> Math Assessment 6 <ul style="list-style-type: none"> <li>• number sentences</li> <li>• story problems</li> <li>• left and right</li> </ul> Math Assessment 7 <ul style="list-style-type: none"> <li>• story problem</li> <li>• number sentence</li> <li>• number pattern</li> <li>• identifying attributes</li> <li>• patterns</li> </ul>
November	STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.	<ul style="list-style-type: none"> <li>• Addition facts, +0</li> <li>• Subtraction facts, -1</li> <li>• Counting by 2's and 10's</li> <li>• Telling time to the hour</li> <li>• Counting pennies and dimes</li> </ul>	Assessment 7 <ul style="list-style-type: none"> <li>• Identifying identical designs.</li> </ul> Assessment 10 <ul style="list-style-type: none"> <li>• Counting pennies and dimes.</li> <li>• Addition facts, +0.</li> </ul>

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	STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.	<ul style="list-style-type: none"> <li>• Fractions, <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math></li> <li>• Even and odd numbers</li> <li>• Identifying and locating numbers on the hundred chart.</li> <li>• Identifying identical designs</li> </ul>	<ul style="list-style-type: none"> <li>• Subtraction facts, -1.</li> <li>• Addition facts, +0.</li> <li>• Subtraction facts, -1.</li> <li>• Counting by 10's</li> </ul> Assessment 11 <ul style="list-style-type: none"> <li>• Counting by 2's, or even numbers</li> </ul> Assessment 12 <ul style="list-style-type: none"> <li>• Telling time to the hour.</li> <li>• Identifying and locating numbers on the hundred chart.</li> <li>• Identifying and locating numbers on the hundred chart.</li> <li>• Odd numbers</li> </ul> Assessment 16 & 19 <ul style="list-style-type: none"> <li>• Fractions, <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math></li> </ul>
December	STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. STATE GOAL 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.	<ul style="list-style-type: none"> <li>• Math facts, +2, -0, doubles subtraction, subtracting a number from itself</li> <li>• Covering a design with pattern blocks</li> <li>• Graphing information</li> <li>• Nonstandard length</li> <li>• Number words</li> <li>• Numbering a clock face,</li> </ul>	Assessment 11 <ul style="list-style-type: none"> <li>• Graphing information</li> </ul> Assessment 13 <ul style="list-style-type: none"> <li>• Identifying pairs</li> <li>• Subtracting 0</li> <li>• Nonstandard length</li> </ul> Assessment 14 <ul style="list-style-type: none"> <li>• Numbering a clock face, and drawing time on analog and digital clock</li> </ul>

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		and drawing time on analog and digital clock <ul style="list-style-type: none"> <li>• Dividing a square into halves.</li> <li>• Identifying pairs</li> <li>• Identifying seasons</li> </ul>	Numbering a clock face, and drawing time on analog and digital clock
January	<p>STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p> <p>STATE GOAL 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.</p>	<ul style="list-style-type: none"> <li>• Tallying</li> <li>• Counting by 5's</li> <li>• Line segments</li> <li>• Sorting</li> <li>• Adding two digit numbers (without regrouping)</li> <li>• Math facts, doubles +1,</li> <li>• Congruent shapes</li> <li>• Grouping by 10's and 1's</li> <li>• Trading pennies for dimes</li> <li>• Identifying difference in 1 to 1 correspondence</li> </ul>	<p>Assessment 15</p> <ul style="list-style-type: none"> <li>• Tallying</li> <li>• Counting by 5's</li> </ul> <p>Assessment 16</p> <ul style="list-style-type: none"> <li>• Tallying</li> </ul> <p>Assessment 17</p> <ul style="list-style-type: none"> <li>• Tallying</li> <li>• Counting by 10's and 1's</li> </ul> <p>Assessment 18</p> <ul style="list-style-type: none"> <li>• Tallying</li> <li>• Counting by 10's and 1's</li> <li>• Identifying difference in 1 to 1 correspondence</li> <li>• Adding two digit numbers (without regrouping)</li> <li>• Math facts, doubles +1,</li> </ul> <p>Assessment 19</p> <ul style="list-style-type: none"> <li>• Congruent shapes</li> <li>• Counting by 5's</li> <li>• Line segment</li> <li>•</li> </ul>

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February	<p>STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p>	<ul style="list-style-type: none"> <li>• Telling time to the half hour</li> <li>• Adding 10 to a number</li> <li>• Ordering numbers to Fifty</li> <li>• Math facts, sums of ten, -2</li> <li>• Counting by 100's</li> <li>• Measuring by inches</li> <li>• Drawing congruent shapes and designs</li> <li>• Counting nickels</li> </ul>	<p>Assessment 20</p> <ul style="list-style-type: none"> <li>• Ordering numbers to Fifty</li> <li>• Telling time to half hour</li> <li>• Adding 10 to a number</li> <li>• Adding two digit numbers (without regrouping)</li> </ul> <p>Assessment 21</p> <ul style="list-style-type: none"> <li>• Measuring by inches</li> <li>• Drawing congruent shapes and designs</li> <li>• counting nickels</li> </ul> <p>Assessment 22</p> <ul style="list-style-type: none"> <li>• Counting nickels</li> </ul>
March	<p>STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p>	<ul style="list-style-type: none"> <li>• Counting nickels and pennies</li> <li>• Identifying a dozen and a half dozen</li> <li>• Math facts, subtracting a number from 10, +9</li> <li>• Measuring using feet</li> <li>• Identifying <math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, and <math>\frac{1}{6}</math></li> </ul>	<p>Assessment 22</p> <ul style="list-style-type: none"> <li>• Counting nickels and pennies</li> </ul> <p>Assessment 23</p> <ul style="list-style-type: none"> <li>• Identifying <math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, and <math>\frac{1}{6}</math></li> <li>• Math facts, subtracting a number from 10, +9</li> </ul>

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April	<p>STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p> <p>STATE GOAL 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.</p>	<ul style="list-style-type: none"> <li>• Identifying fractions as part of a whole</li> <li>• Graphing and observations made</li> <li>• Counting dimes, nickels, and pennies</li> <li>• Addition facts (last eight)</li> <li>• Centimeters</li> <li>• Geometric Solids</li> <li>• Subtracting 10 from a number</li> </ul>	<p>Assessment 23</p> <ul style="list-style-type: none"> <li>• Identifying fractions as part of a whole</li> </ul> <p>Assessment 24</p> <ul style="list-style-type: none"> <li>• Geometric solids (cones and spheres)</li> <li>• Counting dimes, nickels, and pennies</li> </ul> <p>Assessment 25</p> <ul style="list-style-type: none"> <li>• Graphing and observations made</li> <li>• Centimeters</li> <li>• Subtracting 10 from a number</li> </ul>

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May	<p>STATE Goal 6: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions.</p> <p>STATE GOAL 7: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.</p> <p>STATE GOAL 8: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.</p> <p>STATE GOAL 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p>	<ul style="list-style-type: none"> <li>• Adding 3 Single Digit Numbers</li> <li>• Subtraction facts, Differences of One</li> <li>• Drawing Polygons</li> <li>• Identifying and Counting Quarters</li> <li>• Subtractions facts of Doubles +1</li> <li>• Identifying and Counting Hundreds, Tens and Ones</li> </ul>	<p>Assessment 25</p> <ul style="list-style-type: none"> <li>• Drawing Polygons</li> <li>• Identifying and Counting Quarters</li> <li>• Adding 3 Single Digit Numbers</li> </ul>