

**Grade 1**  
**Math Academic Standards – End of Year**  
**School District of Fort Atkinson**

Conceptual Strand	Skills
Counting	<ul style="list-style-type: none"> <li>▪ Quickly and automatically reads, writes and compares whole numbers to <b>130</b> both in order and randomly</li> <li>▪ Represents and explains whole numbers using:               <ul style="list-style-type: none"> <li>✓ manipulatives</li> <li>✓ number lines</li> </ul> </li> <li>▪ Quickly and automatically counts by 2's to 130 (orally and/or written)</li> <li>▪ Quickly and automatically counts by 5's to 130 (orally and/or written)</li> <li>▪ Accurately counts by 10's to 130 (orally and/or written)</li> <li>▪ Accurately and efficiently counts backward from 130 (orally and/or written)</li> <li>▪ Accurately writes numerals to 130 with no reversals</li> <li>▪ Understands the language and consistently uses ordinal numbers to 10<sup>th</sup> in verbal and written work</li> </ul>
Estimation	<ul style="list-style-type: none"> <li>▪ Determines number of objects by estimating</li> <li>▪ Reasonably estimates numbers of objects (&lt; 100)</li> </ul>
Addition	<ul style="list-style-type: none"> <li>▪ Recalls basic facts of addition to 12 in written work</li> <li>▪ Uses mental math</li> </ul>
Subtraction	<ul style="list-style-type: none"> <li>▪ Recalls the basic facts of subtraction to 12 in written work</li> <li>▪ Uses mental math</li> </ul>
Place Value	<ul style="list-style-type: none"> <li>▪ Draws <b>and</b> writes whole numbers through 1340 using place-value concepts</li> <li>▪ Recognizes and uses the concept of greater than, less than and equal to</li> </ul>
Patterns	<ul style="list-style-type: none"> <li>▪ Recognizes and creates extended patterns</li> <li>▪ Recognizes that the same pattern can be created and represented in different ways</li> </ul>
Data Usage	<ul style="list-style-type: none"> <li>▪ Reads and uses information presented in graphs and charts</li> </ul>
Geometry	<ul style="list-style-type: none"> <li>▪ Classifies 3 dimensional shapes (cone, sphere, cube and cylinder)</li> </ul>
Fractions	<ul style="list-style-type: none"> <li>▪ Understands basic concept of fractions (halves, thirds, and fourths) through pictorial representation as well as numerals</li> </ul>
Time	<ul style="list-style-type: none"> <li>▪ Identifies parts of a clock: hour and minute hand</li> <li>▪ Accurately tells time to the hour and half-hour (verbally and in written work)</li> <li>▪ Understands calendar language and applies calendar skills</li> </ul>
Money	<ul style="list-style-type: none"> <li>▪ Identifies and names all coins (penny, nickel, dime and quarter)</li> <li>▪ Knows value of coins</li> <li>▪ Compares coins by value</li> <li>▪ Counts a given set of coins valued at one dollar or less</li> </ul>
Measurement	<ul style="list-style-type: none"> <li>▪ Independently uses standard measurement to closest inch to determine length</li> </ul>
Problem Solving	<ul style="list-style-type: none"> <li>▪ Is able to determine relevant information in order to solve a problem</li> <li>▪ Explains and demonstrates how a problem was solved (orally and visually)</li> </ul>
Accuracy	<ul style="list-style-type: none"> <li>▪ Work is completed with few errors</li> </ul>

