

Semester ONE Rubric – GRADE 1

**Math**

Report Card Line	<b>4 ADVANCED</b>	<b>3 PROFICIENT</b>	<b>2 BASIC</b>	<b>1 MINIMAL</b>
<p>Reads, writes and compares numbers to ... (100) (WI B 4.1 and 4.3)</p>	<ul style="list-style-type: none"> <li>▪ Reads, writes and compares whole numbers to <b>500</b> in numerical order</li> <li>▪ Represents and explains whole numbers using:                             <ul style="list-style-type: none"> <li>✓ manipulatives</li> <li>✓ number lines</li> <li>✓ <b>verbal descriptions</b></li> <li>✓ <b>symbolic renaming</b> (e.g. <math>10=7+3=5+5</math>)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Reads, writes and compares whole numbers to 100 in numerical order</li> <li>▪ Represents and explains whole numbers using:                             <ul style="list-style-type: none"> <li>✓ manipulatives</li> <li>✓ number lines</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrates <b>some</b> proficient skills and/or requires some teacher help</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrates <b>few</b> proficient skills and requires intensive teacher help</li> </ul>
<p>Skip counts by 2's to ... (130) (WI B 4.2)</p>	<ul style="list-style-type: none"> <li>▪ Accurately counts by 2's to 130 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quickly and automatically counts by 2's to 70 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept but needs time and/or support</li> </ul>	<ul style="list-style-type: none"> <li>▪ Requires intensive support</li> </ul>
<p>Skip counts by 5's to ... (130) (WI B 4.2)</p>	<ul style="list-style-type: none"> <li>▪ Quickly and automatically counts by 5's to 130 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Accurately counts by 5's to 100 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept but needs time and/or support</li> </ul>	<ul style="list-style-type: none"> <li>▪ Requires intensive support</li> </ul>
<p>Skip counts by 10's to ... (130) (WI B 4.2)</p>	<ul style="list-style-type: none"> <li>▪ Counts by 10's by non-decade numbers</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quickly and automatically counts by 10's to 130 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept but needs time and/or support</li> </ul>	<ul style="list-style-type: none"> <li>▪ Requires intensive support</li> </ul>
<p>Forms numbers correctly (WI B 4.3)</p>	<ul style="list-style-type: none"> <li>▪ Accurately writes numerals to 130 with no reversals</li> </ul>	<ul style="list-style-type: none"> <li>▪ Accurately writes numerals to 100 with no reversals</li> </ul>	<ul style="list-style-type: none"> <li>▪ Writes numerals to 50 with some reversals</li> </ul>	<ul style="list-style-type: none"> <li>▪ Needs support to write numerals to 50</li> </ul>

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Counts backward (WI B 4.1 and 4.3)	<ul style="list-style-type: none"> <li>▪ Accurately counts backward from any given number 100 to 0 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Accurately and efficiently counts backward from 50 (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept but needs time and/or support</li> </ul>	<ul style="list-style-type: none"> <li>▪ Requires intensive support</li> </ul>
Recognizes/applies ordinal numbers to 10 <sup>th</sup> (WI A 4.4)	(Not Reported Semester One)	(Not Reported Semester One)	(Not Reported Semester One)	(Not Reported Semester One)
Uses reasonable estimation (WI B 4.2 and D 4.5)	<ul style="list-style-type: none"> <li>▪ Determines number of objects by estimating</li> <li>▪ Reasonably estimates numbers of objects (&lt; 100)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Determines number of objects by estimating</li> <li>▪ Reasonably estimates numbers of objects (&lt; 30)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept but needs some teacher help</li> </ul>	<ul style="list-style-type: none"> <li>▪ Minimal understanding and requires intensive teacher help</li> </ul>
Knows addition facts: Sums to 12 (WI B 4.5)	<ul style="list-style-type: none"> <li>▪ Recalls basic facts of addition to 12</li> <li>▪ Uses mental math</li> </ul>	<ul style="list-style-type: none"> <li>▪ Computes basic facts of addition to 12 in written work with minimal errors</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept of addition</li> <li>▪ Computes basic facts of addition to 12 in written work with frequent errors</li> </ul>	<ul style="list-style-type: none"> <li>▪ Shows minimal understanding of the concept of addition</li> <li>▪ Requires intensive support</li> <li>▪ Frequent errors</li> </ul>
Knows subtraction facts: Differences to 12 (WI B 4.5)	<ul style="list-style-type: none"> <li>▪ Recalls basic facts of subtraction to 12</li> <li>▪ Uses mental math</li> </ul>	<ul style="list-style-type: none"> <li>▪ Computes basic facts of subtraction to 12 in written work with minimal errors</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the concept of subtraction</li> <li>▪ Computes basic facts of subtraction to 12 in written work with frequent errors</li> </ul>	<ul style="list-style-type: none"> <li>▪ Minimal understanding</li> <li>▪ Requires intensive support</li> <li>▪ Frequent errors</li> </ul>

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Understands tens and ones place value (WI B 4.1)	<ul style="list-style-type: none"> <li>▪ Represents whole numbers through 100 using place-value concepts and expanded notation (<math>10+2=12</math>)</li> <li>▪ Recognizes and uses the concept of greater than, less than and equal to</li> </ul>	<ul style="list-style-type: none"> <li>▪ Represents whole numbers through 100 using place-value concepts</li> <li>▪ Recognizes and uses the concept of greater than, less than and equal to</li> </ul>	<ul style="list-style-type: none"> <li>▪ Partially understands the concept (may reverse ones place/tens place)</li> <li>▪ Inconsistent use of greater than, less than and equal to</li> </ul>	<ul style="list-style-type: none"> <li>▪ Minimal understanding</li> <li>▪ Requires intensive support</li> </ul>
Recognizes and creates patterns (WI A 4.1 and F 4.3)	<ul style="list-style-type: none"> <li>▪ Recognizes that the same pattern can be created and represented in different ways</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recognizes and creates extended patterns</li> </ul>	<ul style="list-style-type: none"> <li>▪ Some errors but understands the concept</li> </ul>	<ul style="list-style-type: none"> <li>▪ Minimal understanding</li> </ul>
Collects and interprets data using graphs (WI A 4.2 and E 4.1)	<ul style="list-style-type: none"> <li>▪ Not scored –Maintain from kindergarten the use of simple patterns and representing patterns in different ways</li> </ul>	<ul style="list-style-type: none"> <li>▪ Not scored –Maintain from kindergarten the use of simple patterns and representing patterns in different ways</li> </ul>	<ul style="list-style-type: none"> <li>▪ Not scored –Maintain from kindergarten the use of simple patterns and representing patterns in different ways</li> </ul>	<ul style="list-style-type: none"> <li>▪ Not scored –Maintain from kindergarten the use of simple patterns and representing patterns in different ways</li> </ul>
Identifies basic shapes and 3-D figures (WI C 4.1)	<ul style="list-style-type: none"> <li>▪ Classifies 3 dimensional shapes (cone, sphere, cube, and cylinder)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Sorts, names and draws 2D shapes (square, circle, triangle, rectangle &amp; oval)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Inconsistently sorts, names and draws 2D shapes (square, circle, triangle, rectangle &amp; oval)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Knows only 1-2 shapes</li> </ul>

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Identifies fractional parts	(Not Reported Semester One)	(Not Reported Semester One)	(Not Reported Semester One)	(Not Reported Semester One)
Understands concepts of time (WID 4.1 & 4.3)	<ul style="list-style-type: none"> <li>▪ Understands and applies calendar skills (example: Knows the date of the 3<sup>rd</sup> Tues.)</li> <li>▪ Accurately tells times to the hour and half hour (orally and/or written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Understands the language of a calendar (day, date, yesterday, etc.)</li> <li>▪ Identifies parts of a clock (hour &amp; minute hand)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Requires some support and/or extra time to use language of a calendar</li> </ul>	<ul style="list-style-type: none"> <li>▪ Requires intensive support to use the language of the calendar</li> </ul>
Understands concepts of money (WID 4.1, 4.3, 4.4 and B 4.2)	<ul style="list-style-type: none"> <li>▪ Counts coins to represent monetary value</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quickly and automatically identifies and names coins (penny, nickel, dime and quarter) AND</li> <li>▪ Knows value of coins</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identifies and names coins but needs time and/or support</li> <li>▪ Knows values for the coins but needs time and/or support</li> </ul>	<ul style="list-style-type: none"> <li>▪ Frequent errors</li> <li>▪ Needs intensive support</li> </ul>
Understands concepts of measurement (WID 4.1, 4.2, 4.3, 4.4 and 4.5)	<ul style="list-style-type: none"> <li>▪ Uses standard measurement to closest inch</li> </ul>	<ul style="list-style-type: none"> <li>▪ Independently uses nonstandard measurement to determine length</li> </ul>	<ul style="list-style-type: none"> <li>▪ Uses nonstandard measurement to determine length with prompt</li> <li>▪ Understands the concept</li> </ul>	<ul style="list-style-type: none"> <li>▪ Does not understand the concept</li> </ul>

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Uses and communicates problem solving strategies (WI A 4.1 & 4.5)	<ul style="list-style-type: none"> <li>▪ Independently uses more than one strategy</li> </ul>	<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 is solved (orally and written)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrates some proficient skills and/or requires some teacher help</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrates few proficient skills and requires intensive teacher help</li> </ul>
Works with accuracy	<ul style="list-style-type: none"> <li>▪ Work is consistently accurate</li> </ul>	<ul style="list-style-type: none"> <li>▪ Work is completed with minimal errors</li> </ul>	<ul style="list-style-type: none"> <li>▪ Work is completed with frequent errors</li> </ul>	<ul style="list-style-type: none"> <li>▪ Work is incomplete and/or has significant errors</li> </ul>