

## Math End of Year Requirements for Gifted 2<sup>nd</sup>

<b>Standard 1: Uses mathematical concepts to solve word problems</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"><li>• show my work</li><li>• get the correct answer</li><li>• answer all parts of the question</li><li>• label answer (if appropriate)</li></ul>
Minimum Requirement:	I can do some of the following: <ul style="list-style-type: none"><li>• show my work</li><li>• get the correct answer</li><li>• answer all parts of the question</li><li>• label answer (if appropriate)</li></ul>

<b>Standard 2: Knows mathematical vocabulary</b>	
Expectation:	I can independently and consistently identify the math vocabulary within the unit.
Minimum Requirement:	I can sometimes identify the math vocabulary within the unit.

<b>Standard 3: Fluently adds and subtracts basic facts up to 20</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"><li>• know all basic addition facts up to 20</li><li>• know all basic subtraction facts up to 20</li><li>• solve facts within 3 seconds</li></ul>
Minimum Requirement:	I can sometimes: <ul style="list-style-type: none"><li>• know basic addition facts up to 20</li><li>• know basic subtraction facts up to 20</li><li>• solve facts within 3 seconds I may know them all but need to work on my fluency.</li></ul>

<b>Standard 4: Uses place value understanding to round to the nearest ten and hundred</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"><li>• round numbers to the nearest ten</li><li>• round numbers to the nearest hundred</li></ul>
Minimum Requirement:	I can do one of the following or do both some of the time: <ul style="list-style-type: none"><li>• round numbers to the nearest ten</li><li>• round numbers to the nearest hundred</li></ul>

<b>Standard 5: Adds multi-digit numbers within 1000</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"><li>• solve addition problems within 1,000 without regrouping</li><li>• solve addition problems within 1,000 with regrouping</li></ul>
Minimum Requirement:	I can do one of the following or do both some of the time: <ul style="list-style-type: none"><li>• solve addition problems within 1,000 without regrouping</li><li>• solve addition problems within 1,000 with regrouping</li></ul>

<b>Standard 6: Subtracts multi-digit numbers within 1000</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"> <li>• Solve subtraction problems within 1,000 without regrouping</li> <li>• Solve subtraction problems within 1,000 with regrouping</li> <li>• Solve subtraction problems within 1,000 across zeroes</li> </ul>
Minimum Requirement:	I can do some of the following or do all some of the time: <ul style="list-style-type: none"> <li>• Solve subtraction problems within 1,000 without regrouping</li> <li>• Solve subtraction problems within 1,000 with regrouping</li> <li>• Solve subtraction problems within 1,000 across zeroes</li> </ul>

<b>Standard 7: Determines the unknown whole number in a multiplication or division equation</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"> <li>• Find the unknown product in multiplication equations</li> <li>• Find the unknown quotient in division equations</li> <li>• Find the unknown factor in multiplication equations</li> <li>• Find the unknown dividend in division equations</li> <li>• Find the unknown divisor in division equations</li> </ul>
Minimum Requirement:	I can do some of the following or do all some of the time: <ul style="list-style-type: none"> <li>• Find the unknown product in multiplication equations</li> <li>• Find the unknown quotient in division equations</li> <li>• Find the unknown factor in multiplication equations</li> <li>• Find the unknown dividend in division equations</li> <li>• Find the unknown divisor in division equations</li> </ul>

<b>Standard 8: Fluently multiplies basic facts within 100</b>	
Expectation:	I can independently and consistently name the product of all the following basic facts: <ul style="list-style-type: none"> <li>• 0s • 1s • 2s • 3s • 4s • 5s • 6s • 7s • 8s • 9s • 10s within 3 seconds.</li> </ul>
Minimum Requirement:	I know some of my basic facts within 3 seconds or I may know all my facts but am working to know them within 3 seconds.

<b>Standard 9: Fluently divides basic facts within 100</b>	
Expectation:	I can independently and consistently name the quotient of all the following basic facts: <ul style="list-style-type: none"> <li>• 0s • 1s • 2s • 3s • 4s • 5s • 6s • 7s • 8s • 9s • 10s within 4 seconds.</li> </ul>
Minimum Requirement:	I know some of my basic facts within 4 seconds or I may know all my facts but am working to know them within 4 seconds.

<b>Standard 10: Recognizes and generates simple equivalent fractions</b>	
Expectation:	I can independently and consistently: <ul style="list-style-type: none"> <li>• recognize equivalent fractions</li> <li>• generate equivalent fractions using manipulatives or multiplication</li> </ul>
Minimum Requirement:	I can do one of the following or do both some of the time: <ul style="list-style-type: none"> <li>• recognize equivalent fractions</li> <li>• generate equivalent fractions using manipulatives or multiplication</li> </ul>

<b>Standard 11: Compares two fractions with the same numerator and/or denominator</b>	
Expectation:	<p>I can independently and consistently:</p> <ul style="list-style-type: none"> <li>• compare fractions with like denominators using greater than, less than, or equal to</li> <li>• compare fractions with like numerators using greater than, less than, or equal to</li> <li>• place and compare fractions on a number line</li> </ul>
Minimum Requirement:	<p>I can do one of the following or both some of the time:</p> <ul style="list-style-type: none"> <li>• compare fractions with like denominators using greater than, less than, or equal to</li> <li>• compare fractions with like numerators using greater than, less than, or equal to</li> <li>• place and compare fractions on a number line</li> </ul>

<b>Standard 12: Tells and writes time to the nearest minute using analog and digital clocks</b>	
Expectation:	<p>I can independently and consistently:</p> <ul style="list-style-type: none"> <li>• tell time to the nearest minute on a digital clock</li> <li>• tell time to the nearest minute on an analog clock</li> <li>• write time to the nearest minute on a digital clock</li> <li>• write time to the nearest minute on an analog clock</li> </ul>
Minimum Requirement:	<p>I can do some of the following:</p> <ul style="list-style-type: none"> <li>• tell time to the nearest minute on a digital clock</li> <li>• tell time to the nearest minute on an analog clock</li> <li>• write time to the nearest minute on a digital clock</li> <li>• write time to the nearest minute on an analog clock</li> </ul>

<b>Standard 13: Represents and interprets data</b>	
Expectation:	<p>I can independently and consistently:</p> <ul style="list-style-type: none"> <li>• create a scaled picture graph</li> <li>• create a bar graph</li> <li>• create a line plot</li> <li>• interpret data by answering questions</li> </ul>
Minimum Requirement:	<p>I can do some of the following or do all some of the time:</p> <ul style="list-style-type: none"> <li>• create a scaled picture graph</li> <li>• create a bar graph</li> <li>• create a line plot</li> <li>• interpret data by answering questions</li> </ul>

<b>Standard 14: Measures lengths using a ruler marked to the nearest half and fourth of an inch</b>	
Expectation:	<p>I can independently and consistently:</p> <ul style="list-style-type: none"> <li>• measure lengths to the nearest <math>\frac{1}{2}</math> inch</li> <li>• measure lengths to the nearest <math>\frac{1}{4}</math> inch</li> </ul>
Minimum Requirement:	<p>I can do one of the following or do both some of the time:</p> <ul style="list-style-type: none"> <li>• measure lengths to the nearest <math>\frac{1}{2}</math> inch</li> <li>• measure lengths to the nearest <math>\frac{1}{4}</math> inch</li> </ul>

<b>Standard 15: Uses addition strategies to determine perimeter</b>	
Expectation:	<p>I can independently and consistently add the lengths of the sides to find a shape's perimeter.</p>
Minimum Requirement:	<p>I can sometimes add the lengths of the sides to find a shape's perimeter.</p>

**Standard 16: Uses multiplication strategies to determine area**

Expectation:	I can independently and consistently use multiplication strategies to determine area.
Minimum Requirement:	I can sometimes use multiplication strategies to determine area.

**Standard 17: Draws and classifies attributes of 2-D shapes**

Expectation:	I can independently and consistently:
	<ul style="list-style-type: none"><li>• draw shapes that fit specific categories</li><li>• classify shapes into more than one category</li><li>• justify my thinking</li></ul>
Minimum Requirement:	I can do some of the following or do all some of the time:
	<ul style="list-style-type: none"><li>• draw shapes that fit specific categories</li><li>• classify shapes into more than one category</li><li>• justify my thinking</li></ul>