



# Grade 4 Math Rubric

Please click on the links below to navigate to the domains.

[Operations and Algebraic Thinking](#): page 1

[Numbers and Operations in Base Ten](#): page 3

[Fractions](#): page 4

[Measurement and Data](#): page 5

[Geometry](#): page 7

## Operations and Algebraic Thinking

Trimesters	Needs Support (NS)	Approaching Standards (AS)	Meets Standards (MS)
	With significant teacher support	With prompting and support	Consistently and independently
<b>Interprets a multiplication equation as a comparison (4.OA.A.1)</b> Unit 1, Unit 3			
1	<b>Shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>read and interpret multiplicative comparison situations.</li> </ul>	<ul style="list-style-type: none"> <li>reads and interprets multiplicative comparison situations, identifying which quantity is being multiplied and which factor is telling how many times.</li> <li>identifies equations or statements for multiplicative comparisons.</li> </ul>	<ul style="list-style-type: none"> <li>reads and interprets multiplicative comparison situations, identifying which quantity is being multiplied and which factor is telling how many times.</li> <li>writes and identifies equations and statements for multiplicative comparisons.</li> <li>recognizes different language that describe multiplicative comparisons. ( ex: interpret <math>35 = 5 \times 7</math> as a statement that 35 is 5 times as many as 7 and 7 times as many as 5.</li> </ul>
2,3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Multiplies or divides to solve word problems involving multiplicative comparison (4.OA.A.2)</b> Unit 1, Unit 3, Unit 7			
1 and 3	<b>Shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>identify problems involving multiplicative comparisons.</li> </ul>	<ul style="list-style-type: none"> <li>solves problems involving multiplicative comparisons.</li> <li>writes equations to represent the mathematics of the situation.</li> </ul>	<ul style="list-style-type: none"> <li>solves problems involving multiplicative comparisons.</li> <li>identifies the information in the problem and how it relates to models.</li> <li>writes equations to represent the mathematics of the situation with a symbol or letter as the unknown.</li> </ul>
2	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Solves multi-step word problems with whole numbers and having whole-number answers using the four operations. (4.OA.A.3)</b> Unit 5, Unit 7, Unit 8			

1 and 3	<b>Shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>accurately identifies one operation needed to solve multi-step problems with all four operations using models, pictures, or numbers</li> <li>identify a remainder</li> </ul>	<ul style="list-style-type: none"> <li>solves multi-step problems with all four operations.</li> <li>identifies the remainder</li> </ul>	<ul style="list-style-type: none"> <li>solves multi-step problems with all four operations and <b>assess the reasonableness of their answer</b></li> <li>identifies and <b>interprets</b> what to do with the remainder based on the context of the word problem.</li> </ul>
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2	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
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**Gains familiarity with factors and multiples (4.OA.B.4) Unit 1**

1	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>identify all of the factors of a given number.</li> <li>identify multiples of a given number</li> <li>identify prime and composite numbers</li> </ul>	<ul style="list-style-type: none"> <li>determines or identifies the factors of a given number.</li> <li>lists multiples of a given number using skip counting or other strategies.</li> <li>identifies a number as prime or composite.</li> </ul>	<ul style="list-style-type: none"> <li>determines the factors of a given number through a variety of activities.</li> <li>discusses patterns they discover as they factor a number. (ex: all even numbers have 2 as a factor. Numbers that end in 0 or 5 have 5 as a factor.)</li> <li>lists multiples of a given number using skip counting <b>and</b> other strategies.</li> <li>identifies and <b>describes</b> prime numbers as numbers that have exactly two factors.</li> <li>identifies and <b>describes</b> composite numbers as numbers that have more than two factors.</li> </ul>
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2,3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
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**Generates and analyzes patterns that follow a given rule (4.OA.C.5) Unit 8**

1			
2			
3	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>recognize patterns in all of their mathematical work.</li> </ul>	<ul style="list-style-type: none"> <li>identifies patterns in some of their mathematical work.</li> <li>extends <b>or</b> describes patterns they find.</li> </ul>	<ul style="list-style-type: none"> <li>identifies patterns in all of their mathematical work.</li> <li>extends <b>and</b> describes patterns they find.</li> <li>make generalizations about patterns.</li> </ul>

## Numbers and Operations in Base Ten

Trimesters	Needs Support (NS)	Approaching Standards (AS)	Moving Meets Standards (MS)
	With significant teacher support	With prompting and support	Consistently and independently
<b>Understands that the value of any digit in a multi-digit number is ten times its place to the right (4.NBT.A.1) Unit 5</b>			
1	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>identify patterns that involve moving digits place in a given numeral</li> <li>understand what is happening to the value of a digit as it appears within various places in a numeral</li> </ul>	<ul style="list-style-type: none"> <li>identifies patterns that involve moving digits place in a given numeral</li> <li>understands what is happening to the value of a digit as it appears within various places in a numeral</li> <li>recognizes the relationship between place values that are 10 times as large as another place for numbers up to 1,000 using visual models</li> </ul>	<ul style="list-style-type: none"> <li>identifies <b>and explains</b> patterns that involve moving digits place in a given numeral</li> <li><b>explains</b> what is happening to the value of a digit as it appears within various places in a numeral</li> <li>identifies the relationship among places by multiplying by 10 (moving one place to the left) and dividing by 10 (moving one place to the right)</li> </ul>
2, 3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Reads and writes multi-digit whole numbers using numerals, expanded form, and word form (4.NBT.A.2) Unit 5</b>			
1	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>read and write numbers from 1 to 1,000,000 based on place value understanding</li> </ul>	<ul style="list-style-type: none"> <li>reads and writes numbers from 1 to 1,000,000 based on place value understanding</li> </ul>	<ul style="list-style-type: none"> <li>reads and writes numbers from 1 to 1,000,000 based on place value understanding</li> <li>writes numbers using various forms of expanded notation</li> <li>compares numbers using place value and use <math>&lt;</math>, <math>&gt;</math>, <math>=</math> symbols to show the comparison</li> </ul>
2,3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Uses place value understanding to round multi-digit whole numbers to hundred thousands (4.NBT.A.3) Unit 5</b>			
1	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>round multi-digit numbers</li> <li>place the numbers on a number line</li> <li>Identify the two numbers between which the given number falls</li> </ul>	<ul style="list-style-type: none"> <li>places the number on a number line</li> <li>uses knowledge of place value to round multi-digit whole numbers to hundred thousands</li> </ul>	<ul style="list-style-type: none"> <li>places the number on a number line</li> <li>uses knowledge of place value to round multi-digit whole numbers to hundred thousands and <b>explain</b> their reasoning</li> </ul>

2,3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Fluently adds and subtracts multi-digit whole numbers using the standard algorithm (4.NBT.B.4) Unit 5</b>			
1	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>add and subtract multi-digit whole numbers</li> </ul>	<ul style="list-style-type: none"> <li>accurately adds and subtracts multi-digit whole numbers</li> </ul>	<ul style="list-style-type: none"> <li>accurately <b>and fluently</b> adds and subtracts multi-digit whole numbers using the standard algorithm.</li> <li>explains their thinking as they employ procedural steps to add or subtract, including composing and decomposing place values to demonstrate understanding of procedural steps</li> </ul>
2,3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

<b>Multiply whole numbers using strategies based on place value and the properties of operations (4.NBT.B.5) Units 1, 3, 4, 7</b>			
1, 2, 3	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>multiply a multi-digit whole number times a one-digit factor</li> </ul>	<ul style="list-style-type: none"> <li>accurately multiplies multi-digit whole numbers times a one-digit factor</li> <li>explains their reasoning using pictures, numbers and words</li> </ul>	<ul style="list-style-type: none"> <li>multiplies multi-digit whole numbers times a one-digit factor accurately <b>and efficiently</b> using various strategies</li> <li>explains their reasoning using pictures, numbers and words</li> <li>extends this work to multiplication of 2 two-digit factors using pictures, words, and numbers</li> </ul>

<b>Find whole-number quotients and remainders using various strategies (4.NBT.B.6) Units 3, 4, 7</b>			
1, 2, 3	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division.</li> </ul>	<ul style="list-style-type: none"> <li>finds whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division.</li> <li>illustrates the calculations by using equations, arrays or area models</li> </ul>	<ul style="list-style-type: none"> <li>finds whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division.</li> <li>illustrates <b>and explains</b> the calculations by using equations, arrays, or area models</li> </ul>

## Fractions

Trimesters	Needs Support (NS)	Approaching Standards (AS)	Meets Standards (MS)
	With significant teacher support	With prompting and support	Consistently and independently
<b>Explain and generate equivalent fractions (4.NF.A.1) Unit 6</b>			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>connect visual representation of equivalent fractions to numerical representations</li> <li>recognize, explain, and/or generate equivalent fractions</li> </ul>	<ul style="list-style-type: none"> <li>connects visual representations of equivalent fractions to numerical representations</li> <li>uses pictures, words, and numbers to explain why fractions are equivalent</li> <li>generates a rule for finding equivalent fractions and applies that rule</li> <li>recognizes equivalent fractions</li> </ul>	<ul style="list-style-type: none"> <li>connects visual representations of equivalent fractions to numerical representations</li> <li>uses pictures, words, and numbers to explain why fractions are equivalent</li> <li>generates a rule for finding equivalent fractions and apply that rule</li> <li>recognizes equivalent fractions</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Compares two fractions with different numerators and denominators (4.NF.A.2) Unit 6</b>			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>compare two fractions with different numerators and different denominators</li> </ul>	<ul style="list-style-type: none"> <li>uses a representation to compare fractions including concrete models, benchmarks, and common denominators/numerators</li> <li>determines which method makes the most sense for a given situation and justify their thinking</li> </ul>	<ul style="list-style-type: none"> <li>uses a <b>variety of</b> representations to compare fractions including concrete models, benchmarks, and common denominators/numerators</li> <li>determines which method makes the most sense for a given situation and justify their thinking</li> </ul>

3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Decomposes fractions into unit fractions in order to add and subtract fractions with like denominators (4.NF.B.3a, 4.NF.B.3b)</b> Unit 6			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>• use a variety of materials to model and describe various situations that require adding and subtracting fractions</li> <li>• explain their reasoning using visual models and/or equations</li> </ul>	<ul style="list-style-type: none"> <li>• uses a variety of materials to model and describe various problem situations that require adding and subtracting fractions</li> <li>• decomposes fractions less than 1 and greater than 1 into fractional parts with the same denominator using models, pictures, words, and numbers</li> <li>• decomposes mixed numbers into fractional parts with the same denominator using models, pictures, words, and numbers</li> </ul>	<ul style="list-style-type: none"> <li>• uses a variety of materials to model and describe various problem situations that require adding and subtracting fractions</li> <li>• decomposes fractions less than 1 and greater than 1 into fractional parts with the same denominator using models, pictures, words, and numbers</li> <li>• decomposes mixed numbers into fractional parts with the same denominator using models, pictures, words, and numbers</li> <li>• <b>explains</b> their reasoning using visual models and/or equations</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

<b>Adds and subtracts mixed numbers with like denominators (4.NF.B.3c)</b> Unit 6			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>• add and subtract mixed numbers with like denominators</li> </ul>	<ul style="list-style-type: none"> <li>• adds and subtracts mixed numbers with like denominators</li> <li>• uses properties of operations and the relationship between addition and subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• adds and subtracts mixed numbers with like denominators</li> <li>• uses properties of operations and the relationship between addition and subtraction</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

**Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators (4.NF.B.3d) Unit 6**

1			
2	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>● solve word problems involving addition and subtraction of fractions and mixed numbers</li> <li>● explain their thinking using models, pictures, numbers, <b>or</b> words</li> </ul>	<ul style="list-style-type: none"> <li>● uses concrete materials and pictures to solve a variety of problems involving addition and subtraction of fractions and mixed numbers</li> <li>● connects visual models to addition and subtraction equations</li> <li>● explains their thinking using models, pictures, numbers, <b>or</b> words</li> </ul>	<ul style="list-style-type: none"> <li>● uses concrete materials and pictures to solve a variety of problems involving addition and subtraction of fractions and mixed numbers</li> <li>● connects visual models to addition and subtraction equations</li> <li>● explains their thinking using models, pictures, numbers, <b>and</b> words</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

**Multiply a fraction by a whole number and solve related word problems (4.NF.B.4) Unit 6**

1			
2	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>● solve problems involving multiplication of fraction by a whole number using models (ex: area models, fraction strips, number lines)</li> <li>● explain their thinking/reasoning using pictures, words, <b>or</b> numbers</li> </ul>	<ul style="list-style-type: none"> <li>● solves problems involving multiplication of fraction by a whole number using models (ex: pictures, words, <b>or</b> numbers)</li> <li>● uses models to solve a variety of problem situations involving multiplying a whole number times a fraction/mixed number</li> <li>● identifies any patterns when multiplying a fraction or mixed number times a whole number in relation to the meaning of the whole number as the number of groups, the numerator and denominator of the fraction, and the meaning of multiplication</li> </ul>	<ul style="list-style-type: none"> <li>● solves problems involving multiplication of fraction by a whole number using models (ex: area models, fraction strips, number lines)</li> <li>● explains their thinking/reasoning using pictures, words, <b>and</b> numbers</li> <li>● uses models to solve a variety of problem situations involving multiplying a whole number times a fraction/mixed number</li> <li>● identifies any patterns when multiplying a fraction or mixed number times a whole number in relation to the meaning of the whole number as the number of groups, the numerator and denominator of the fraction, and the meaning of multiplication</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		



**Create equivalent fractions with like denominators to add tenths and hundredths (4.NF.C.5) Unit 6**

<b>1</b>			
<b>2</b>	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>construct fractions of tenths to equivalent fractions of hundredths using visual models</li> </ul>	<ul style="list-style-type: none"> <li>constructs fractions of tenths to equivalent fractions of hundredths using visual models</li> <li>explains their thinking using models, words, <b>and/or</b> numbers</li> <li>identifies patterns and make generalizations about equivalent fractions that are tenths and hundredths</li> <li>adds and subtracts tenths plus hundredths using models <b>and/or</b> verbal explanations</li> </ul>	<ul style="list-style-type: none"> <li>constructs fractions of tenths to equivalent fractions of hundredths using visual models</li> <li>explain their thinking using models, words, <b>and</b> numbers</li> <li>identifies patterns and make generalizations about equivalent fractions that are tenths and hundredths</li> <li>adds and subtracts tenths plus hundredths using models <b>and</b> verbal explanations</li> </ul>
<b>3</b>	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

**Represent tenths and hundredths using decimal notation and fraction notation (4.NF.C.6) Unit 6**

<b>1</b>			
<b>2</b>	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>represent tenths and hundredths using decimal notation and fraction notation</li> <li>understand that fractions and decimals are different representations for the same number and these representations are equivalent (ex: 0.8, 8/10 and 80/100)</li> </ul>	<ul style="list-style-type: none"> <li>models fractions with denominators of 10 using base-ten blocks and grid paper models</li> <li>accurately represents fractions in decimal notation</li> <li>models, reads, and writes decimal numbers in the tenths place using base-ten blocks, extended place value charts, grids, and number lines</li> <li>models fractions with denominators of 100 using base-ten blocks and grid paper models</li> <li>models, reads, and writes decimal numbers to the hundredths place, using base-ten blocks, extended place value charts, grids, and number lines</li> <li>demonstrates understanding that 1/100 is one of 100 equal pieces in one whole or 1 of ten equal parts of a tenth</li> <li>connects understandings to relevant real life situations that use decimal notation</li> </ul>	<ul style="list-style-type: none"> <li>models fractions with denominators of 10 using base-ten blocks and grid paper models</li> <li>accurately represents fractions in decimal notation</li> <li>models, reads, and writes decimal numbers in the tenths place using base-ten blocks, extended place value charts, grids, and number lines</li> <li>models fractions with denominators of 100 using base-ten blocks and grid paper models</li> <li>models, reads, and writes decimal numbers to the hundredths place, using base-ten blocks, extended place value charts, grids, and number lines</li> <li>demonstrates understanding that 1/100 is one of 100 equal pieces in one whole or 1 of ten equal parts of a tenth</li> <li>connects understandings to relevant real life situations that use decimal notation</li> </ul>

3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>
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## Measurement and Data

Trimesters	Needs Support (NS)	Approaching Standards (AS)	Meets Standards (MS)
	With significant teacher support	With prompting and support	Consistently and independently
<b>Convert measurements from larger units to smaller units (4.MD.A.1)</b> Units 2, 4, 7			
1			
2, 3	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>Visualizes and thinks about benchmark measurements to understand relative sizes of measurement units within one system (ex: a cm is about the size of the width of a small paper clip)</li> <li>expresses measurements in a larger unit in terms of a smaller unit</li> </ul>	<ul style="list-style-type: none"> <li>visualizes and thinks about benchmark measurements to understand relative sizes of measurement units within one system (ex: a cm is about the size of the width of a small paperclip)</li> <li>expresses measurements in a larger unit in terms of a smaller unit by recording measurement equivalents in a two-column table</li> </ul>	<ul style="list-style-type: none"> <li>visualizes and thinks about benchmark measurements to understand relative sizes of measurement units within one system (ex: a cm is about the size of the width of a small paperclip)</li> <li>expresses measurements in a larger unit in terms of a smaller unit by recording measurement equivalents in a two-column table</li> <li>uses both metric and standard measurement vocabulary.</li> </ul>
<b>Use the four operations to solve word problems involving distance, time, liquid volume, mass, and money (4.MD.A.2)</b> Units 2, 4, 5, 6, 7			
1, 2, 3	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>use the four operations to solve word problems involving distance, time, liquid volume, mass, and money</li> </ul>	<ul style="list-style-type: none"> <li>solves measurement word problems including the operations of addition, subtraction, multiplication, and division.</li> <li>represents measurement quantities using diagrams such as number line diagrams that feature a measurement scale</li> </ul>	<ul style="list-style-type: none"> <li>solves measurement word problems including the operations of addition, subtraction, multiplication, and division</li> <li>explains their thinking and demonstrates how they solved the problem.</li> <li>represents measurement quantities using diagrams such as number line diagrams that feature a measurement scale</li> </ul>
<b>Apply the area and perimeter formulas for rectangles in real world and mathematical problems (4.MD.A.3)</b> Unit 4			
1			

2	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>● apply the area and perimeter formulas with both real-world and mathematical problems</li> </ul>	<ul style="list-style-type: none"> <li>● applies the area and perimeter formulas with both real-world and mathematical problems</li> <li>● finds the width of a rectangular room given the area of the flooring and length by using an area formula as a multiplication equation with an unknown factor</li> <li>● uses <b>some</b> vocabulary for the concepts of perimeter and area</li> </ul>	<ul style="list-style-type: none"> <li>● applies the area and perimeter formulas with both real-world and mathematical problems.</li> <li>● finds the width of a rectangular room given the area of the flooring and length by using an area formula as a multiplication equation with an unknown factor</li> <li>● uses <b>appropriate</b> vocabulary for the concepts of perimeter and area</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

**Represent and interpret data using line plots (4.MD.B.4) Units 2**

1			
2			
3	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>● represent and interpret data using line plots</li> </ul>	<ul style="list-style-type: none"> <li>● creates line plots to show a data set of objects with fractional measurements of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, and <math>\frac{1}{8}</math></li> <li>● solves simple word problems involving addition and subtraction of the fractions found in their line plots</li> <li>● uses <b>some</b> vocabulary when working with line plots and fractional measurements</li> </ul>	<ul style="list-style-type: none"> <li>● creates line plots to show a data set of objects with fractional measurements of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, and <math>\frac{1}{8}</math></li> <li>● solves simple word problems involving addition and subtraction of the fractions found in their line plots.</li> <li>● uses <b>appropriate</b> vocabulary when working with line plots and fractional measurements</li> </ul>

**Understand the concept of angles and angle measurement (4.MD.C) Unit 4**

1			
2	<p><b>shows limited progress or is unable to</b></p> <ul style="list-style-type: none"> <li>● recognize angles as geometric shapes that are formed whenever two rays share a common endpoint</li> <li>● understand concepts of angle measurement</li> <li>● identify what an acute, obtuse, and right angle is</li> </ul>	<ul style="list-style-type: none"> <li>● recognizes angles as geometric shapes that are formed whenever two rays share a common endpoint</li> <li>● understands concepts of angle measurement</li> <li>● identifies and demonstrates what an acute, obtuse, and right angle is</li> <li>● Solves addition and subtraction problems to find unknown angles on a diagram in real world and mathematical problems</li> <li>● <b>begins</b> to use <b>correct</b> vocabulary when</li> </ul>	<ul style="list-style-type: none"> <li>● recognizes angles as geometric shapes that are formed whenever two rays share a common endpoint</li> <li>● understands concepts of angle measurement</li> <li>● identifies and demonstrates what an acute, obtuse, and right angle is</li> <li>● solves addition and subtraction problems to find unknown angles on a diagram in real world and mathematical problems</li> <li>● uses <b>correct</b> vocabulary when describing</li> </ul>

		describing angles	angles
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

## Geometry

Trimesters	Needs Support (NS)	Approaching Standards (AS)	Meets Standards (MS)
	With significant teacher support	With prompting and support	Consistently and independently
<b>Draw and identify lines and angles in shapes and identify them as two-dimensional figures (4.G.A.1) Unit 4</b>			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>draw or identify <b>a few</b> of the following: lines, points, line segments, rays, and perpendicular and parallel lines</li> </ul>	<ul style="list-style-type: none"> <li>draws or identifies points, lines, line segments, rays, and perpendicular and parallel lines</li> <li>draws or identifies angles including right, acute, and obtuse angles</li> <li>uses the correct geometric terminology when drawing shapes</li> </ul>	<ul style="list-style-type: none"> <li>draws and identifies points, lines, line segments, rays, and perpendicular and parallel lines.</li> <li>draws and identifies angles including right, acute, and obtuse angles.</li> <li>uses the correct geometric terminology when drawing shapes.</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		
<b>Classify two-dimensional shapes based on lines and angles (4.G.A.2) Unit 4</b>			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>classify or describe two-dimensional shapes</li> </ul>	<ul style="list-style-type: none"> <li>classifies <b>or</b> describes two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size.</li> <li>discusses the relationship among various</li> </ul>	<ul style="list-style-type: none"> <li>classifies <b>and</b> describes two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size.</li> <li>discusses the relationship among various</li> </ul>

		quadrilaterals on the number of sides, opposite side, side lengths, and angle measurement. <ul style="list-style-type: none"> <li>• uses some geometrical terminology as they talk about, classify, and sort shapes.</li> </ul>	quadrilaterals on the number of sides, opposite side, side lengths, and angle measurement. <ul style="list-style-type: none"> <li>• uses geometrical terminology as they talk about, classify, and sort shapes.</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		

Recognize a line of symmetry for a two-dimensional figure (4.G.A.3) Unit 4			
1			
2	<b>shows limited progress or is unable to</b> <ul style="list-style-type: none"> <li>• identify if lines of symmetry are accurate</li> </ul>	<ul style="list-style-type: none"> <li>• draws lines of symmetry <b>or</b> identifies if lines of symmetry are accurate</li> <li>• uses <b>some</b> geometric terminology to describe the shapes used to draw lines of symmetry.</li> </ul>	<ul style="list-style-type: none"> <li>• experiments with two-dimensional shapes to discover <b>and</b> draw lines of symmetry.</li> <li>• uses geometric terminology to describe the shapes used to draw lines of symmetry.</li> </ul>
3	<i>Not explicitly taught. Ongoing instruction provided to work towards mastery.</i>		