

4th Grade Report Card Rubric

Mathematics

Marking Period 2

Units 3-6			
1	2	3	4
Understands and applies concepts			
Unit 3			
<ul style="list-style-type: none"> • Student rarely meets the expectations. 	<ul style="list-style-type: none"> • Student sometimes meets the expectations. 	<ul style="list-style-type: none"> • Recognize and generate equivalent fractions. • Compare and order fractions with different numerators and different denominators. • Name decimals using words and base-ten numerals. • Translate between decimal notation and fractions with denominators 10 or 100. • Name decimals using words and base-ten numerals. • Represent decimals to hundredths. 	<ul style="list-style-type: none"> • Extends mathematical concepts from unit skills independently. • Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.
Unit 4			
<ul style="list-style-type: none"> • Student rarely meets the expectations. 	<ul style="list-style-type: none"> • Student sometimes meets the expectations. 	<ul style="list-style-type: none"> • Solve multistep number stories involving the four operations, interpreting any remainders. • Model number stories with equations, using a letter for the unknown. • Assess the reasonableness of answers to number stories and other problems. • Know relative sizes of measurement units; express measurements in a larger unit in terms of a smaller unit. • Multiply a whole number by a multiple of 10, 100, or 1,000. • Multiply a whole number of up to four digits by a 1-digit number and a 2-digit number by a 2-digit number. • Read and write numbers in expanded 	<ul style="list-style-type: none"> • Extends mathematical concepts from unit skills independently. • Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.

		form <ul style="list-style-type: none"> Apply perimeter and area formulas for rectangles. 	
Unit 5			
<ul style="list-style-type: none"> Student rarely meets the expectations. 	<ul style="list-style-type: none"> Student sometimes meets the expectations. 	<ul style="list-style-type: none"> Solve open equations using a letter for the unknown. Add and subtract multidigit whole numbers and fractions. Multiply a whole number of up to four digits by a 1 and 2 digit number Generate equivalent fractions Draw, represent and identify angles including right, acute and obtuse angles. 	<ul style="list-style-type: none"> Extends mathematical concepts from unit skills independently. Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.
Unit 6			
<ul style="list-style-type: none"> Student rarely meets the expectations. 	<ul style="list-style-type: none"> Student sometimes meets the expectations. 	<ul style="list-style-type: none"> Performs multi- digit division. Recognizes and understands concepts of angles and angle measurement and the addition of angles. Solves number stories which include fractions and mixed numbers. 	<ul style="list-style-type: none"> Extends mathematical concepts from unit skills independently. Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.
Communicates mathematical thinking			
<ul style="list-style-type: none"> Student rarely meets the expectations. 	<ul style="list-style-type: none"> Student sometimes meets the expectations. 	<ul style="list-style-type: none"> Student is able to communicate mathematical thinking through concise and clear verbal or written expression. 	<ul style="list-style-type: none"> Student is able to communicate mathematical information in an accurate and unique manor, demonstrating comprehensive understanding of the material which may include connections to other places this skill can be used.
Applies problem solving skills			
<ul style="list-style-type: none"> Student rarely meets the expectations. 	<ul style="list-style-type: none"> Student sometimes meets the expectations. 	<ul style="list-style-type: none"> Student is able to use problem solving skills to solve and show solution to multistep word problems. 	<ul style="list-style-type: none"> Extends mathematical concepts from unit skills in an accurate and unique manor to solve problems. Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept
Accurately computes basic addition and subtraction			

<ul style="list-style-type: none"> • Student scores 79% and below in 3 minutes 	<ul style="list-style-type: none"> • Student scores 80-89% in 3 minutes 	<ul style="list-style-type: none"> • Shows consistency and accuracy in addition and subtraction scoring 90-100 % in 3 minutes • Computes accurately in daily work 	<ul style="list-style-type: none"> • Demonstrates extensive knowledge of addition and subtraction and uses conceptual understanding to evaluate complex problems. • Consistently scores 100%
Accurately computes basic multiplication			
<ul style="list-style-type: none"> • Student scores 79% and below in 3 minutes 	<ul style="list-style-type: none"> • Student scores 80-89% in 3 minutes 	<ul style="list-style-type: none"> • Shows consistency and accuracy in multiplication scoring 90-100 % in 3 minutes • Computes accurately in daily work 	<ul style="list-style-type: none"> • Demonstrates extensive knowledge of multiplication and uses conceptual understanding to evaluate complex problems. • Consistently scores 100%
Accurately computes basic division			
<ul style="list-style-type: none"> • Student scores 79% and below in 3 minutes 	<ul style="list-style-type: none"> • Student scores 80-89% in 3 minutes 	<ul style="list-style-type: none"> • Shows consistency and accuracy in division scoring 90-100 % in 3 minutes • Computes accurately in daily work 	<ul style="list-style-type: none"> • Demonstrates extensive knowledge of division and uses conceptual understanding to evaluate complex problems. • Consistently scores 100%