4th Grade Report Card Rubric
Mathematics
Marking Period 3

Units 6-8			
1	**2**	**3**	**4**
Understands and applies concepts			
Unit 6			
• Student rarely meets the expectations.	• Student sometimes meets the expectations.	• 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.	• 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 7			
• Student rarely meets the expectations.	• Student sometimes meets the expectations.	• Multiplies fractions and mixed numbers. • Solves number stories which include division, decimals, and fractions. • Solves problems involving measurement and conversion of measurement. • Generates and analyzes patterns.	• 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 8			
• Student rarely meets the expectations.	• Student sometimes meets the expectations.	• Solves multi step number stories which include fractions, multiplication, and decimals. • Calculates the area and perimeter and area of rectangles with fractional side lengths. • Recognizes and understands concepts of angles and angle measurement and the addition of angles. • Identifies lines of symmetry.	• 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			
• Student rarely meets the expectations.	• Student sometimes meets the expectations.	• Student is able to communicate mathematical thinking through concise and clear verbal or written expression.	• 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			
• Student rarely meets the expectations.	• Student sometimes meets the expectations.	• Student is able to use problem solving skills to solve and show solution to multistep word problems.	• 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			
• Student scores 79% and below in 3 minutes	• Student scores 80-89% in 3 minutes	• Shows consistency and accuracy in addition and subtraction scoring 90-100 % in 3 minutes • Computes accurately in daily work	• Demonstrates extensive knowledge of addition and subtraction and uses conceptual understanding to evaluate complex problems. • Consistently scores 100%
Accurately computes basic multiplication			
• Student scores 79% and below in 3 minutes	• Student scores 80-89% in 3 minutes	• Shows consistency and accuracy in multiplication scoring 90-100 % in 3 minutes • Computes accurately in daily work	• Demonstrates extensive knowledge of multiplication and uses conceptual understanding to evaluate complex problems. • Consistently scores 100%
Accurately computes basic division			
• Student scores 79% and below in 3 minutes	• Student scores 80-89% in 3 minutes	• Shows consistency and accuracy in division scoring 90-100 % in 3 minutes • Computes accurately in daily work	• Demonstrates extensive knowledge of division and uses conceptual understanding to evaluate complex problems. • Consistently scores 100%