

4th Grade Report Card Rubric

Mathematics

Marking Period 1

Units 1-3			
1	2	3	4
Understands and applies concepts			
Unit 1			
<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"> Understands place value, rounding, and estimation strategies through the hundred thousands place. Solves addition and subtraction problems. Solves problems involving measurement and the conversion of measurements. Draws and identifies lines and angles, and classifies shapes by properties of their lines and 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 2			
<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"> Gains understanding of factors and multiples. Classifies numbers as prime or composite. Draws and identifies lines and angles, and classifies shapes by properties of their lines and angles. Generates and analyzes patterns. 	<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 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"> Extends understanding of fraction equivalence, comparison, and ordering. Reads and writes decimals to represent fractions and measurements. 	<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 manner, demonstrating comprehensive understanding of the material which

			may include connections to other places this skill can be used.
Applies problem solving strategies			
<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 manner to solve problems. • Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept
Demonstrates automaticity in 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%
Demonstrates automaticity in 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%