

**5th Grade Report Card Rubric
Mathematics
Marking Period 3**

	<u>1</u> Not Meeting Standard	<u>2</u> Approaching Standard	<u>3</u> * Meeting Standard	<u>4</u> Exceeding Standard
Unit 6 Understands and applies concepts	Student rarely meets the expectations.	Student sometimes meets the expectations.	<ul style="list-style-type: none"> ● Multiplies or divides decimals by powers of 10; explain the decimal-point placement in the answer. ● Converts among measurement units within the same system. ● Uses measurement conversions to solve multi-step, real-world problems. ● Adds and subtracts mixed numbers with unlike denominators. ● Organizes and represents data on line plots. ● Solves problems involving fractional data on line plots. 	<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 7	Student rarely meets the	Student sometimes meets the	<ul style="list-style-type: none"> ● Multiplies mixed numbers by whole numbers, fractions, 	<ul style="list-style-type: none"> ● Extends mathematical concepts from unit skills

<p>Understands and applies concepts</p>	<p>expectations.</p>	<p>expectations.</p>	<p>and mixed numbers.</p> <ul style="list-style-type: none"> ● Finds the areas of rectangles with fractional side lengths by multiplying. ● Represents fraction products as rectangular areas. ● Interprets division of a unit fraction by a nonzero whole number and finds quotients. ● Understands that shapes in a subcategory have all the attributes of shapes in the parent category. ● Classifies 2-dimensional figures in a hierarchy based on properties. ● Understands that shapes in a subcategory have all the attributes of shapes in the parent category. ● Forms ordered pairs from corresponding terms of patterns and graph them. ● Understands and uses a Cartesian coordinate grid in two dimensions. 	<p>independently.</p> <ul style="list-style-type: none"> ● Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.
<p>Unit 8</p> <p>Understands and applies concepts</p>	<p>Student rarely meets the expectations.</p>	<p>Student sometimes meets the expectations.</p>	<ul style="list-style-type: none"> ● Multiplies mixed numbers by whole numbers, fractions, and mixed numbers. ● Finds the areas of rectangles 	<ul style="list-style-type: none"> ● Extends mathematical concepts from unit skills independently. ● Demonstrates the ability to

			<p>with fractional side lengths by multiplying.</p> <ul style="list-style-type: none"> ● Explains the effects of multiplying by fractions greater than 1 or less than 1. ● Explains the effects of multiplying by fractions greater than 1 or less than 1. ● Uses place-value understanding to round decimals to any place. ● Multiplies whole numbers by powers of 10; explain the number of zeros in the product. ● Multiplies or divides decimals by powers of 10; explain the decimal-point placement in the answer. 	<p>analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.</p>
<p>Communicates mathematical thinking</p>	<p>Student rarely meets the expectations.</p>	<p>Student sometimes meets the expectations.</p>	<ul style="list-style-type: none"> ● Communicates mathematical thinking through concise and clear verbal or written expression. 	<ul style="list-style-type: none"> ● Communicates 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.

<p>Applies problem solving skills</p>	<p>Student rarely meets the expectations.</p>	<p>Student sometimes meets the expectations.</p>	<ul style="list-style-type: none"> ● Uses problem solving skills to solve and show solutions to multi-step 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
<p>Computes Accurately</p>	<p>Student rarely meets the expectations.</p>	<p>Student sometimes meets the expectations.</p>	<ul style="list-style-type: none"> ● Demonstrates proficiency in all areas of computation including: addition, subtraction, multiplication and division of whole numbers and fractions and decimals. 	<ul style="list-style-type: none"> ● Computes accurately using advanced and creative groupings in multi-digit computation