

QUARTERLY

Fifth Grade Report Card Guide

Reporting Math Progress Year Long Instructional Alignment (Refer to individual unit alignments for specific assessment tasks)

Number Sense and Computation	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Models, recognizes and compares fractions and decimals (including mixed numbers and improper fractions) and percentages	<ul style="list-style-type: none"> • Every Day Counts - <i>Fraction A Day</i> • <i>Counting Tape</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Fraction A Day</i> • <i>Measurement</i> 	<ul style="list-style-type: none"> • Name That Portion • Every Day Counts - <i>Arrays</i> • <i>Measurement</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Daily Decimal</i> • <i>Counting Tape</i>
Explains concepts of primes, even, odds, factors, and multiples	<ul style="list-style-type: none"> • Mathematical Thinking • Every Day Counts - <i>Arrays</i> 	<ul style="list-style-type: none"> • Every Day Counts – <i>Factor Figures</i> • <i>Arrays</i> 	<ul style="list-style-type: none"> • Every Day Counts – <i>Factor Figures</i> • <i>Arrays</i> 	<ul style="list-style-type: none"> • Building On Numbers You Know
Makes reasonable estimates of the results of operations	<ul style="list-style-type: none"> • Mathematical Thinking • Containers and Cubes • Every Day Counts <i>Daily Depositor</i> 	<ul style="list-style-type: none"> • Containers and Cubes • Every Day Counts <i>Daily Depositor</i> 	<ul style="list-style-type: none"> • Name that Portion • Data: Kids, Cats, and Ads 	<ul style="list-style-type: none"> • Building On Numbers You Know • Every Day Counts - <i>April squares, May coin counter puzzles</i>
Knows factors and multiples through 100	<ul style="list-style-type: none"> • Mathematical Thinking • Containers and Cubes 	<ul style="list-style-type: none"> • Containers and Cubes • Every Day Counts – <i>Arrays</i> • <i>Factor Figures</i> 	<ul style="list-style-type: none"> • Every Day Counts – <i>Arrays</i> • <i>Factor Figures</i> 	<ul style="list-style-type: none"> • Building On Numbers You Know
Has a variety of efficient strategies for multiplying and dividing whole numbers.	<ul style="list-style-type: none"> • Mathematical Thinking • Containers and Cubes 	<ul style="list-style-type: none"> • Containers and Cubes 		<ul style="list-style-type: none"> • Building On Number You Know
Adds and subtracts commonly used fractions and decimals	<ul style="list-style-type: none"> • Every Day Counts - <i>Daily Decimal</i> • <i>Fraction A Day</i> 	<ul style="list-style-type: none"> • Name That Portion • Every Day Counts - <i>Daily Decimal</i> • <i>Fraction A Day</i> • <i>Measurement</i> 	<ul style="list-style-type: none"> • Name That Portion • Every Day Counts - <i>Daily Decimal</i> • <i>Measurement</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Daily Decimal</i>
Algebraic Thinking				
Describes the rules for generating a pattern	<ul style="list-style-type: none"> • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Patterns of Change • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Every Day Counts <i>Calendar</i>
Understands expressions and solves equations involving a single variable	<ul style="list-style-type: none"> • Every Day Counts <i>Calendar</i> 	<ul style="list-style-type: none"> • Patterns of Change • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Every Day Counts <i>Calendar</i> 	<ul style="list-style-type: none"> • Building On Numbers You Know • Every Day Counts <i>Calendar</i>

Geometry				
Uses definitions to classify and compare shapes	<ul style="list-style-type: none"> • Containers and Cubes • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Picturing Polygons • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>April & May calendars</i>
Uses and understands formal geometric terms (e.g., similar, rotation, coordinate grid,)	<ul style="list-style-type: none"> • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Picturing Polygons • Every Day Counts - <i>Calendar</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Calendar Measurement</i> 	<ul style="list-style-type: none"> • Every Day Counts - <i>Calendar Graph</i>
Measurement				
Measures length, weight, volume, area, perimeter, angles using appropriate tools	<ul style="list-style-type: none"> • Containers and Cubes 	<ul style="list-style-type: none"> • Containers and Cubes • Picturing Polygons • Every Day Counts – <i>Measurement</i> 	<ul style="list-style-type: none"> • Measurement Benchmarks • Every Day Counts – <i>Measurement</i> 	<ul style="list-style-type: none"> • Measurement Benchmarks • Every Day Counts - <i>May measurement</i>
Carries out simple unit conversions	<ul style="list-style-type: none"> • Every Day Counts - <i>Graph</i> 	<ul style="list-style-type: none"> • Every Day Counts – <i>Measurement</i> 	<ul style="list-style-type: none"> • Measurement Benchmarks • Every Day Counts - <i>Measurement</i> 	<ul style="list-style-type: none"> • Measurement Benchmarks
Statistics and Probability				
Constructs interprets and analyzes a wide variety of graphs		<ul style="list-style-type: none"> • Patterns of Change 	<ul style="list-style-type: none"> • Between Never and Always • Data: Kids, Cats, and Ads 	<ul style="list-style-type: none"> • Every Day Counts - <i>April Graph</i>
Understands measures of mean, median, mode, and range		<ul style="list-style-type: none"> • Every Day Counts - <i>Graph</i> 	<ul style="list-style-type: none"> • Data: Kids, Cats, and Ads 	<ul style="list-style-type: none"> • Every Day Counts - <i>April Graph</i>
Predicts and expresses probability in fractions, decimals, or ratios			<ul style="list-style-type: none"> • Between Never and Always 	
Problem Solving				
<i>Communicates mathematical thinking in a variety of ways</i>	The Problem Solver is used throughout the year. All units in the fifth grade curriculum are focused around students communicating their mathematical thinking.			
<i>Uses appropriate strategies to solve problems</i>				