Anchorage School District Performance Standards Check Sheet

2nd Grade Math

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
2:1 Estimation				
.1 Make reasonable estimates in increments of 10 and 100.				
.2 Decide whether estimation or counting is appropriate.				
.3 Make reasonable estimates of cost, distance, height, and weight.				
2:2 Number Sense				
.1 Demonstrate 1 to 1 correspondence with numbers and objects up to 500.				
.2 Read and write numbers to 1000.				
.3 Skip counts by 2's, by 5's, and by 10's from any 2 digit number.				
.4 Count backward from 100.				
.5 Compare and orders numbers to 500.				
.6 Read and write simple fractions.				
.7 Use manipulatives to compare and orders fractions that have numerators of 1 and denominators of 2, 3, and 4.				
.8 Demonstrate commutative and additive identity properties.				
.9 Use base ten blocks to represent numbers to 1000.				
.10 Identify place value in a three digit number.				
.11 Identify decimal place value less than 1 by writing part of a dollar with decimals.				
.12 Model coin/dollar equivalencies.				
.13 Count assorted bills and coins to $50.				
2:3 Concepts of Number Operations				
.1 Model, record, and explain addition and subtraction to a sum of 100.				
.2 Demonstrate equal sharing of 50 items.				
.3 Tell, write, and solve number stories to a sum of 50.				
.4 Use manipulatives to show multiplication as repeated addition of sets, or an array.				
2:4 Computation				
.1 Memorize addition and subtraction facts to sum of 20.				
.2 Write fact families to any sum.				
.3 Use a variety of strategies to find sums and differences of multi-digit numbers.				
.4 Use a calculator to solve multi-step addition and subtraction problems.				
2:5 Geometry				
.1 Name and classify polygons according to the number of sides, angles, and other attributes.				
.2 Draw and name line segments.				
.3 Describe physical world examples using the ideas and concepts of geometry.				
.4 Compare and describe similar geometric shapes as larger, smaller,				
.5 Use comparative directional and positional words; above, below, inside, outside, on, in, right, left, horizontal, vertical, and middle.				
.6 Complete the mirror image of a pattern block design to demonstrate symmetry.				
2:6 Measurement				
.1 Demonstrate linear measurement with inches, feet, yards, centimeters, and meters.				
.2 Categorize measures as distance, weight, or volume.				
.3 Compare relative size of units in like systems of measurement.				

2:6 Measurement Continued				
.4 Identify temperature by reading in Fahrenheit.				
.5 Use graph paper to estimate areas of regular shapes.				
.6 Read and interpret a calendar using days, weeks, months, and dates (e.g., tell the date of the third Thursday of the month).				
.7 Tell time to the nearest quarter hour, distinguishing between morning, afternoon, and evening.				
2:7 Statistics				
.1 Correctly use "maximum" and "minimum".				
.2 Records data by plotting data on bar graphs.				
.3 Order data using tables, charts, or graphs.				
.4 Organize data by attributes.				
.5 Collect data and make predictions.				
2:8 Probability				
.1 Correctly use "certain" and "uncertain".				
.2 After sampling, predict outcomes of colored tile picked from a bag.				
.3 Conduct a survey and tally the results.				
2:9 Patterns				
.1 Continue number patterns to 100.				
.2 Describe a pattern physically, pictorially or symbolically; tell the rule or relation that determines the sequence.				
.3 Classify objects by attributes.				
.4 Use a calculator to extend the patterns in a number system				
2:10 Algebra				
.1 Find the rule, the input or the output to an input/output scenario to a sum 50.				
.2 Find missing addends to the sum of 50.				
.3 Write number sentences to represent problems involving different addition and subtraction facts and solve the sentences.				
.4 Complete open space sentences with missing numbers or signs.				
2:11 Problem Solving				
.1 Develop and apply strategies to solve a variety of problems and to investigate and understand mathematical continuity.				
.2 Predict an answer before solving a problem and compare results to check for reasonableness.				
2:12 Communication				
.1 Communicate strategies and solutions using words and pictures.				
.2 Use physical materials, models, pictures, and language to represent and communicate mathematical ideas.				
.3 Translate problems from everyday language into mathematical language and symbols.				
2:13 Reasoning				
.1 Find examples that support or refute mathematical statements.				
.2 Explain why a prediction, estimation, or solution is reasonable.				
2:14 Connections				
.1 Observe and describe the relationship between whole numbers and fractions.				
.2 Apply mathematical skills and processes to other disciplines (e.g., cooking and temperature).				