

First Grade Alaska GLE Checklist									
Numeration									
N-1	Read, write, order/count and model correspondence of whole numbers to 100.								
N-2	Compare whole numbers to 100 using the words greater than, less than or equal to.								
N-3	Identify ordinal position, first to the twentieth.								
N-4	Divide an even numbered set of concrete objects (up to 50) into halves.								
N-5	Divide geometric shapes into equal halves, fourths and thirds.								
N-6	Use objects, pictures, and problem situations to model addition and subtraction of whole numbers.								
N-7	Identify groups of objects as repeated addition or equal shares.								
N-8	Skip count by 2's to 20 and 5's and 10's to 100.								
N-9	Identify odd and even numbers up to 20.								
N-10	Identify fact families.								
Measurement									
M-1	Measure and/or compare objects using standard and nonstandard units.								
M-2	Identify money by its value (e.g., penny, nickel, dime, quarter, dollar).								
M-3	Draw a line segment to the nearest inch.								
M-4	Tell time to the nearest half hour using analog and digital clocks.								
M-5	Compare concepts such as: before/after, shorter/longer.								
M-6	Reading a calendar (distinguishing yesterday, today, and tomorrow).								
M-7	Recognize money symbols (\$, ¢).								
M-8	Identify equal values of a coin up to a dollar (5 pennies = 1 nickel, 5 nickels = 1 quarter).								
Estimation and Computation									
E&C-1	Estimate "how many" and "how much" in a given set up to 20.								
E&C-2	Identify whether estimation or counting is appropriate with support.								
E&C-3	Recall addition and subtraction facts 0-10.								
E&C-4	Recall doubles to 20.								
Functions and Relationships									
F&R-1	Identify, name (e.g., aabb, abab), and continue a variety of patterns.								
F&R-2	Create patterns involving number, shape, size, rhythm, or color.								
F&R-3	Add and subtract whole numbers to 20 using manipulatives to solve story problems.								
F&R-4	Create and solve problems using words, symbols, and drawings.								
F&R-5	Use the terms equal to, more than, and less than for numbers up to 20.								

	Geometric Relationships																		
G-1	Identify the attributes of 2-dimensional shapes (e.g. a triangle has three sides).																		
G-2	Identify and classify 2 dimensional shapes through visual observations and properties (e.g., which of these shapes is a triangle).																		
G-3	Relate real-world examples (e.g., a door is shaped like a rectangle) to the ideas and concepts of geometry.																		
G-4	Student shows an understanding of similarity, congruence, symmetry and transformation by comparing shapes in the real world.																		
G-5	Model directional and positional concepts: before, after, between, next to, around, above, below, in the middle of..																		
G-6	Draw, copy, or describe a variety of shapes.																		
G-7	Identify geometric shapes in real-world objects.																		
	Statistics and Probability																		
S&P-1	Construct and use real graphs, pictographs, and bar graphs.																		
S&P-2	Collect and record data.																		
S&P-3	Interpret data with support.																		
S&P-4	Describe information from simple charts/graphs.																		
S&P-5	Predict, interpret, and compare data using events or repeated observations.																		
	Problem Solving																		
PS-1	Create and solve problems using a variety of strategies.																		
PS-2	Translate problems from everyday language into math language and symbols (+, -, =).																		
PS-3	Use everyday language to explain thinking about problem solving strategies and solutions to problems.																		
PS-4	Explain why a prediction or solution is reasonable.																		
PS-5	Draw pictures that support mathematical statements.																		
PS-6	Use real world context (i.e., self, friends, and family)* to show understanding of mathematical skills and processes across the content strand.																		