

Second Grade Alaska GLE Checklist									
Numeration									
N-1	Read, write, order/count and model correspondence of whole numbers to 1000.								
N-2	Model and identify place value positions through 100's.								
N-3	Identify fractions as equal parts of a whole, region, or set.								
N-4	Read and write numerals for simple fractions.								
N-5	Describe or illustrate the process of addition and subtraction of whole numbers and relationship between addition and subtraction.								
N-6	Model and explain the commutative and identity properties of add.								
N-7	Identify and use patterns in the number system (skip counting; plus or minus 10; odd or even).								
N-8	Model fact families.								
Measurement									
M-1	Measure to the nearest inch or foot.								
M-2	Compare and order objects by length, weight, area, time, temp.								
M-3	Compare objects to standard and non standard units to order by greater than, equal to, or less than the given unit of measure.								
M-4	Identify value of individual or set of coins up to one dollar.								
M-5	Select and use appropriate tools for measurement.								
M-6	Draw a line segment to the nearest half inch.								
M-7	Tell time to the nearest quarter hour using analog/ digital clocks.								
M-8	Order the months of the year.								
M-9	Write the date using words and numbers (day, month, year).								
M-10	Count change up to one dollar.								
M-11	Recognize money symbols including decimal point (\$; ¢).								
M-12	Identify equal values of coins up to a dollar.								
Estimation and Computation									
E&C-1	Estimate "how many" and "how much" in a given set up to 30.								
E&C-2	Estimate the results of simple addition and subtraction problems up to a sum of 100.								
E&C-3	Identify whether estimation or counting is appropriate.								
E&C-4	Recall addition and subtraction facts to a sum of 20.								
E&C-5	Solve two-digit addition and subtraction problems using a variety of models and algorithms.								
E&C-6	Use repeated addition with objects to model multiplication.								
E&C-7	Use equal shares with objects to model division.								
Functions and Relationships									
F&R-1	Identify and continue patters, including numbers.								
F&R-2	Describe a rule or relationship for a pattern and continue the pattern.								
F&R-3	Solve a problem with an unknown. (open sentence $7 + ? = 10$).								
F&R-4	Use terms equal to, less than, greater than for numbers up to 100.								

Geometric Relationships										
G-1	Describe the attributes of triangle, circle, square, and rectangle.									
G-2	Identify and classify 3 dimensional shapes (cone, sphere, cylinder)									
G-3	Relate real-world examples to the ideas and concepts of geometry.									
G-4	Construct, compare, classify, and describe the relationship among geometric figures.									
G-5	Create simple shapes using concrete materials/manipulatives.									
G-6	Identify or draw lines of symmetry for simple shapes.									
G-7	Explain the difference between perimeter and area.									
G-8	Determine perimeter and area of rectangular shapes using grid paper and/or manipulatives.									
G-9	Describe relative locations of objects (inside, outside, right, left).									
G-10	Create a simple map to show the location of objects.									
G-11	Draw, copy, or describe a variety of shapes.									
Statistics and Probability										
S&P-1	Construct a variety of graphs from realistic situations.									
S&P-2	Collect, record, interpret, and represent data in a variety of ways.									
S&P-3	Describe data from a variety of graphs (newspapers, magazines, texts, computers, and other sources).									
S&P-4	Predict, interpret, and compare data using events or repeated observations.									
S&P-5	Recognize the difference between chance and certainty.									
Problem Solving										
PS-1	Create and solve a variety of problems using a variety of strategies.									
PS-2	Choose appropriate operations to solve a given problem.									
PS-3	Translate problems from everyday language into math language and symbols (+, -, =, <, >).									
PS-4	Use everyday language to explain thinking about problem solving strategies and solutions to problems.									
PS-5	Draw pictures that support mathematical statements.									
PS-6	Explain why a prediction, estimation, or solution is reasonable.									
PS-7	Draw pictures that support or refute mathematical statements.									
PS-8	Apply mathematical skills in real world context (e.g. self, family and friends).									