Wolf Ridge ELC Minnesota Academic Standards Matrix

Grade 6 Mathematics			Daytime Classes	Animal Signs	Beavers	Birds	Small Mammals	Snowshoe Hare	White-tailed Deer	Wildlife Mgmt	Forest Ecology	Plant Study	Trees and Keys	Wetlands Ecology	Lake Study	Stream Study	Fisheries Mgmt	Frozen Lake Study	Acid Rain	Geology	Weather	Living Lightly	Natures Timing	Ojibwe Heritage	Ojibwe Snowshoe	Seeds of Change	Voyageur Life	Adventure Ropes Course	Rock Climbing	Basic Survival	F.I.R.S.T Games	Beginning Orienteering	Competitive Orienteering	Canoeing	Cross Country Skiing	Superior Snowshoe	Superior View Hike	Evening Activities	Astronomy	Block Printing	Creative Expressions	Creature from Wolf Lake	Dream Catchers	Lake Superior Game	Night Hike	Ol Pellets	Paper Making Star Lab	Woodland Art	Volleyball	Naturalist Programs	Bats	Fur Trade	History of the North Shore	Logging Camp Life	Raptors	Frozen Beans	Animals
Strand I. Mathematical Reasoning																																																												
Sub-strand	**Standard**	**Benchmark**																																																										
0	Apply skills of mathematical representations, communication and reasoning throughout the remaining four content strands.	1. Assess the reasonableness of a solution by comparing the solution to appropriate graphical or numberical estimates or by recognizing the feasibility of a solution in a given context.														1																																												
		4. Support mathematical results by explaining why the steps in a solution are valid and why a particular solution method is appropriate.														4																																												
Strand: II. Number Sense, Computation and Operations																																																													
Sub-strand	**Standard**	**Benchmark**																																																										
B. Computation and Operation	Compute fluently and make reasonable estimates with positive and negative rational numbers in real-world and mathematical problems. Understand the meanings of arithmetic operations and factorization, and how they relate to one another. Appropriately use calculators and other technologies to solve problems.	3. Use addition, subtraction, multiplication and the greatest common divisor of whole numbers.														3																3	3																										
Strand: IV. Data Analysis, Statistics and Probability																																																												
Sub-strand	**Standard**	**Benchmark**																																																										
A. Data and Statistics	Represent data and use various measures associated with data to draw conclusions and identify trends.	1. Collect, organize and represent categorical and numberical data with tables and bar graphs.																	1																																									