

Wolf Ridge ELC Minnesota Academic Standards Matrix

Grade 8 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
			OI 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 numerical estimates or by recognizing the feasibility of a solution in a given context.	1
Strand: V. Spatial Sense, Geometry and Measurement			
Sub-strand	Standard	Benchmark	
A. Spatial Sense	Recognize the relationship between different representations of two- and three-dimensional shapes. Understand the effect of various transformations.	1. Recognize a view of a three-dimensional shape, given a view from a different orientation.	1