

	Unit: The Arctic – Grade 3/4		Planning Team: Blaschuck & Moore		
	Big Idea: Wind, water, and ice change the shape of the land		Unit Guiding Question: How have Earth’s elements changed the Arctic land?		
	Goals	NEED to KNOW	MUST KNOW	CAN KNOW	COULD KNOW
Content What do I need to know about the Arctic?	Observable changes in the environment caused by erosion and deposition	I know the landforms of the Arctic	I know the elements of the Arctic (wind, water, ice) I know how elements affect the landforms of the Arctic	I know the long term effects of the elements on the Arctic	I know how the landforms and elements have affected living things in the Arctic
Curricular Competencies How do I use a learning journal to show what I know?	Questioning and predicting: Demonstrate curiosity about the natural world	I can wonder about the Arctic	I can ask questions about the Arctic (factual) I can make predictions based on my prior knowledge about the Arctic	I can ask more questions that deepen my learning about the Arctic (open ended) I can make predictions based on new information I have learned about the Arctic	I can sustain my inquiry about Arctic over time
	Planning and conducting: Suggest ways to plan and conduct an inquiry to find answers to their questions	I can use visuals to help me understand my wonderings about the Arctic	I can organize my learning about the Arctic using text features I can summarize what I have learned about the Arctic in my own words	I can include tables and charts that have helped me learn about the Arctic	I can make a plan to conduct own inquiry about the Arctic
	Processing and analyzing data and information: Compare results with predictions, suggesting possible reasons for findings	I can describe a cycle in the Arctic (weather, water)	I can describe a cause and effect that occurs in the artic	I can make comparisons to help me learn about the Artic	I can identify patterns that he learn about the Artic
	Evaluating: Make simple inferences based on their results and prior knowledge	I can describe my prior knowledge about the Arctic	I can make comments and reactions about what I have learned about the Arctic based on evidence	I can record my thoughts and inferences about what I have learned about the Arctic based on evidence	I notice how my thinking and learning has changed about th Arctic based on evidence
	Evaluating: Demonstrate an understanding and appreciation of evidence	I can collect facts to help me answer my question	I can corroborate my findings by collecting multiple pieces of evidence to help answer my question and reference the source	I can collect evidence from multiple sources	I can include evidence from primary and secondary sou