Job Title: Engineer

Description: Inform how a dog sled works, its parts, and the materials used to construct it. As an engineer, you also should explain how it is built.

Mission: Create a how-to video demonstrating how to build a typical dog sled. Your video should explain why certain materials are used and how the sled works in the wilderness. You may also create a 3-D model of a dog sled with labels for the various parts that describe the material and the purpose of each part.

Planning

List some ideas of how your group will present your dog sled info.

Research Space

Parts of Sled	Materials	Functions
Science behind the Sled:	How it's Constructed:	Additional info:

Job Title: Veterinarian

Description: Provide information on the characteristics, care, and requirements for sled dogs in the Iditarod.

Mission: Create an ABC book that provides information about these amazing dogs for each letter. A short paragraph should be provided for explanation of each term, along with pictures or illustrations. This can be a printed booklet or created using interactive technology.

Planning

List some ideas of how your group will create your ABC booklet.

Term Brainstorming

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z				

Job Title: Travel Agent

Description: Convince travelers to visit Alaska by describing its nature, landmarks, activities, and points of interest.

Mission: Create a travel brochure with persuasive language to entice people to go to Alaska for vacation. You could also create a video commercial showcasing why Alaska is a great destination. You may also create a weebly visitors could go when considering Alaska as a possible vacation spot.

Planning

List ideas of how your group will convince travelers to visit Alaska.

Research Space

Nature	Landmarks
Activities	**Points of interest**

Job Title: Meteorologist

Description: You are in charge of tracking weather data from Alaska during the Iditarod! You will also give us some information about Alaska's climate.
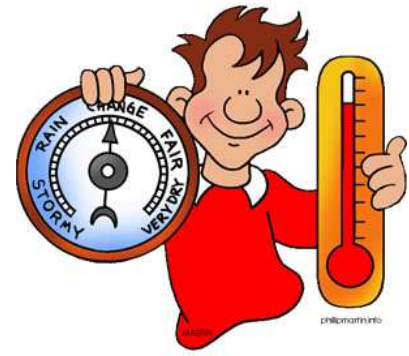
Mission: Create a visual that explains weather patterns in Alaska. This should include the climate for all seasons. You must be able to compare and contrast this with Florida weather and climate. You can create a broadcast that depicts these two different areas of weather and climate.

Planning

Alaska	Both	Florida
Weather Patterns:		Weather Patterns:
Temperatures:		Temperatures:
Natural Disasters:		Natural Disasters:
Climate:		Climate:

Job Title: Geologist

Description: You will be in charge of showing us what makes up Alaska. You'll look at landforms, resources, and the environment.

Mission: Create a relief map that shows the Alaskan terrain and topography. You can also use Nearpod to create a virtual field trip to show us specific landforms and environments present in Alaska.

Planning

List ideas of how your group will show Alaska's geographical makeup.

Research

Landforms:	Environment:
Resources:	Fun Facts:

Job Title: Biologist/Botanist

Description: You will tell us about the animals and plants that call Alaska home. You will be experts on how these plants and animals interact with each other in an ecosystem.

Mission: create a glogster or a similar showcase that displays at least 10 animals and 10 plants native to Alaska. You will also create a food web that shows the transfer of energy from one organism to another. You can use a physical product or use technology.

Planning

List ideas of how your group will show plants and animals from Alaska.

Research Area

Fauna	Flora

Job Title: Cartographer

Description: You will be our guide on the trail and tell us about the route this year and the checkpoints the mushers must go to.

Mission: You will create a map that takes us along the route of the mushers. You will be given a poster to add checkpoints to with information for each. You need to provide facts about the terrain, distance, checkpoint information, and any other important info.

Planning

List ideas of how your group will show the trail and race checkpoints.

Research

Checkpoint	Info