Saint John's Outdoor University Field Trip Overview

Sensory

Objective: Students will explore and describe the natural world using their five senses. Students will learn how to stay safe while exploring nature, how to respect their environment, and understand that nature is not just a place that they visit but something that exists around them every day.

Field Activities

Rainbow Chips: Students will use a color wheel to look for colors out in nature.

Owl and Mouse: Students will pretend to be quiet mice hiding from a hungry owl and learn how animals use their senses to survive in nature.

Dozen Senses: Students will collect different objects found in nature and learn how to use their senses to describe their surroundings.

Listen Up: Students stand quiet for ten seconds to see how their senses improve in silence and how it lets them notice more about their surroundings.

Nature Explorer Connections

All students have the ability to be nature explorers. Nature explorers respect the natural world, observe using their senses, and wonder by asking questions about their observations.

Respect – Ways we will demonstrate respect:

- What lives in nature stays in nature. We will not take anything home with us unless it is allowed on the field trip.
- Some plants may be collected in nature but will be returned after an activity ends.

Observe - Observational activities included throughout the field trip:

- How each of the five senses allows them to observe their environment.
- What students notice when they are talking versus when they are being quiet.
- The different things that can be found in nature.
- Adjectives that can be used to describe objects.

Wonder – Sample questions that may be discussed:

- Which colors are common in nature and which ones are rare?
- What senses do animals need to survive in nature?
- Do any objects found in nature remind you of things found at home?

Minnesota K-12 Academic Standards addressed in activities:

Grade	Strand	Substrand	Standard	Content Area	Benchmark
K	1 Exploring phenomena or engineering problems	1.2 Planning and carrying out investigations	1.2.1 Students will be able to design and conduct investigations in the classroom, laboratory, and/or field to test students' ideas and questions, and will organize and collect data to provide evidence to support claims the students make about phenomena.	Physical Science	0P.1.2.1.1 Collect and organize observational data to determine the effect of sunlight on Earth's surface. (P: 3, CC:

					2, CI: PS3, ETS2)
K	1 Exploring phenomena or engineering problems	1.2 Planning and carrying out investigations	1.2.1 Students will be able to design and conduct investigations in the classroom, laboratory, and/or field to test students' ideas and questions, and will organize and collect data to provide evidence to support claims the students make about phenomena.	Life Science	0L.1.2.1.2 Make observations of plants and animals to compare the diversity of life in different habitats. (P: 3, CC: 1, CI: LS4)
K	2 Looking at data and empirical evidence to understand phenomena or solve problems	2.1 Analyzing and interpreting data	2.1.1 Students will be able to represent observations and data in order to recognize patterns in the data, the meaning of those patterns, and possible relationships between variables.	Physical Science	0P.2.1.1.1 Sort objects in terms of natural/human-made, color, size, shape, and texture, then communicate the reasoning for the sorting system. (P: 4, CC: 2, CI: PS1)
K	2 Looking at data and empirical evidence to understand phenomena or solve problems	2.1 Analyzing and interpreting data	2.1.1 Students will be able to represent observations and data in order to recognize patterns in the data, the meaning of those patterns, and possible relationships between variables.	Life Science	0L.2.1.1.3 Record and use observations to describe patterns of what plants and animals (including humans) need to survive.** (P: 4, CC: 1, CI: LS1)