

FIELD TRIP FACTS 2020-2021

- ✓ Scheduled field trips will be in person at the Paul Smith Children's Village - if permitted - as the majority of available lessons are best presented in-person. Please refer to Illustrative Field Trip Menu below.
- ✓ Field trip can be conducted live, virtually, to your school classroom – available curriculum for virtual field trips are limited - and listed below.
 - ✓ \$40 Per Class, 45 Minutes
- ✓ We will only host one teacher's school class (Max. 28 Students) at a time this year to accommodate social distance protocols and provide time for facility cleaning and material reset & supply between groups. If you wish your students to take notes please bring your own pencil and paper.
 - ✓ We will be wearing masks. Masks are encouraged.
- ✓ Field trips conducted at 10:00 a.m. and 1:00 p.m. Tuesday, Wednesday and Thursday

COVID-19 VIRTUAL FIELD TRIP MENU

Earth Landforms, Layers & Soil – Learn about the core, mantle crust, bedrock, subsoil, topsoil, sand, silt clay and soil painting. We will also create mountains, plateaus, valleys, canyons and plains while learning about erosion and fast and slow changes to the Earth's crust. Materials: Cup of soil or sand.

Plant Life Cycles – Seeds, roots, stems, leaves, flowers fruits, cones, annuals, biennials, perennials, climate and adaptations. Materials: Sandwich bag, seed, paper napkin.

Properties of Matter – Molecules, solids, liquids, gases and flow. Materials: Sandwich bag and sharp pencils.

Catapults and the Scientific Method – We explore force, lever and load and what it is to be airborne. Material: Spoon.



ILLUSTRATIVE FIELD TRIP MENU

***NOTE: We select lessons based on your district science curriculum unit at the time of the visit.
We modify lesson design to prevent being repetitive as students advance in grade.

Water Cycle Game – Travel through the Water Cycle as a single “Drop” and learn about climate, evaporation, condensation, precipitation, transpiration, sublimation, infiltration, sublimation, perspiration, exhalation and urination.

Earth Layers, Rock Cycle & Soil – Learn about the core, mantle crust, bedrock, subsoil, topsoil, sand, silt clay, igneous, metamorphic, sedimentary rocks and soil painting. Using sand create mountains, plateaus, valleys, canyons and plains while learning about erosion and fast and slow changes to the Earth’s crust.

Forms of Energy – Explore kinetic, potential, chemical, thermal, electrical, mechanical, sound, electromagnetic (light) and elastic energy with Rubber Band Balls.

Wind Turbines and the Scientific Method – Conduct an experiment with electricity to determine if 3, 5 or 9 blade wind turbines create more energy. Voltmeters and anemometers.

Solar System – Create a scale model solar system, 1 inch= 1 million miles, learn about rotation, revolution, seasons, day length, sunrise, sunset, lunar New Year and phases of the moon.

Plant Life Cycles & Seasonal Changes – Seeds, roots, stems, leaves, flowers fruits, cones, annuals, biennials, perennials, climate and adaptations all packaged in a Seed Necklace.

Properties of Matter – Molecules, solids, liquids and gases. Bags of water and sharp pencils.

Animal Classification – Play a Linnaeus inspired sorting game and distinguish the difference between omnivores, carnivores, herbivores, Mammals, Reptiles, Amphibians, Bird, Fish.

Seed Bombs – Learn about the basic needs of living things, soil, and guerilla planting.

Catapults and the Scientific Method – Using rubber bands, craft sticks and the scientific we explore force, lever and load.

Storytime Based Field Trip - Each field trip features a dance, a Story time, a simple educational lesson, coloring pages and a simple make and take craft.

Monthly Calendar Program Option – Choose a drop-In public program from our monthly calendar – or let us decide. Drop-In public programs are educational and mischievous.

Educational Program Design, Historical & Botanical Site Tour – Learn how we came to be and why we are the way we are and why we do what we do. This is primarily for old people (grown-ups)...

