



INTERMEDIATE SCHOOL PROGRAMS

GRADES 3 - 9

TO BOOK:

RACHELLE LINDE
250-562-1612 EXT. 224
BOOKINGS@THEEXPLORATIONPLACE.COM

CULTURES OF CONTACT

This program reflects on the many different cultures that have interacted in the early years of Canada's history. Focus will be on Aboriginal groups and early settlers (English and the French).

Curriculum Links: indigenous peoples, multicultural awareness, diverse peoples share some common aspects & experiences

DINO DNA

Examine the intricacies of DNA, and how it might have determined what dinosaurs once looked like! Students will then have the opportunity to create their own fossils using with molds & plaster.

Curriculum Links: living things are diverse, multi-cellular organisms rely on internal systems to survive, evolution by natural selection explains diversity

FOLLOW THE LEADER, WINTER TRAILS

Discover how animals move during the winter months when heavy snow blocks their paths. Ask how have different animals specialized to travel over, under, and through the snow? Explore all this and more in this outdoor activity. Please ensure your class is dressed properly for the outdoors.

Curriculum Links: Evolution by natural selection explains diversity, all living things sense and respond to their environment,

GEARING UP WITH SIMPLE MACHINES

Simple machines give you the mechanical advantage! Using Lego Techniques, students will work in pairs to build, manipulate and design simple and compound machines.

Curriculum Links: Newton's laws of motion, machines are devices that transfer force and energy, energy can be transformed design & engineering

GREAT BC DEBATE (MAY, JUNE, SEPTEMBER)

Transport your class to 1867 in our Historic School House. There, students will role play and participate in the debate between English colonies on whether or not to join together as under one flag, separate from the British Empire.

Curriculum Links: Institutions and government reflect the challenge of our regional diversity, BC followed a **unique path in becoming a part of Canada.**

IT'S ELECTRIC

Experiment with electricity! Students will test current electricity, create circuits, and see exciting demonstrations of static electricity with the Van de Graff generator.

Curriculum Links: Electromagnetic force produces both electricity and magnetism, electrical energy can be transferred as heat, light, motion, chemical activity





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KEVA BLOCKS FOR INTERMEDIATES

Demonstrate curiosity & creativity as we practice basic building techniques and discuss their applicability to the world around us. The class will take on various building challenges as they explore and manipulate materials.

Curriculum Links: Newton's laws of motion, machines are devices that transfer force and energy, energy can be transformed design & engineering

LIFE IN THE OCEAN

Check out life in the salty waves! Students will find out how animals survive the intertidal zone and then identify several take-home samples.

Curriculum Links: Changes in habitat can affect the survival of an individual organism or an entire species, Infer why particular organisms, animals, and plants are able to share a habitat

REASSEMBLING DINNER

Discover the eating habits of owls! Investigate the owl's role in the food chain through dissecting an owl pellet. Students will mount and take home the undigested bones.

Curriculum Links: Living things interact with each other in many ways and may depend on each other for food and shelter. Food chains play an important role in population changes.

ROCK ON!

Examine key ingredients of sedimentary, igneous and metamorphic rocks. Identify minerals through visual observation. Students will sort and take home several samples.

Curriculum Links: Minerals can be identified by their colour, luster, hardness, cleavage, crystal structure. Rocks are classified by how they are formed within the rock cycle and their mineral content. Igneous, sedimentary, and metamorphic rocks can be changed from one form to another.

SHOCKING SNOW! (WEATHER DEPENDENT)

This program takes on the question of how acid rain is not limited to just drizzle, but all types of precipitation. Students will have the opportunity to collect their own snow samples and calculate its volume, density, and acidity, while learning about how each of those qualities impact plants, animals, and waterways during the winter months.

Curriculum Links: Humans are having an impact on earth's systems. Multi-cellular organisms rely on internal systems to survive, reproduce, and interact with their environment. Plants & animals and their survival needs

UNDER PRESSURE - HYDRAULICS IN ACTION

Students will be introduced to how hydraulics work, and what we use them for in our everyday lives. Students will have the opportunity to build their own hydraulic powered machines through creative free play and set challenges.

Curriculum Links: Newton's laws of motion, machines are devices that transfer force and energy, energy can be transformed design & engineering