SCIENCE ON THE MOVE
MENU

Have you enjoyed our school visits, or heard about our Science on the Move programs? Nanaimo Science can bring fun, hands-on science activities to your classroom!

This special "menu" lists our favourite programs available for in-school delivery, great for all grades and guaranteed to inspire an appetite for science in your students!

All programs (unless otherwised noted) are $300 per classroom of 24-28 students.

OUR TEAM & TRANSPORT!

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BIOLOGY & MORE

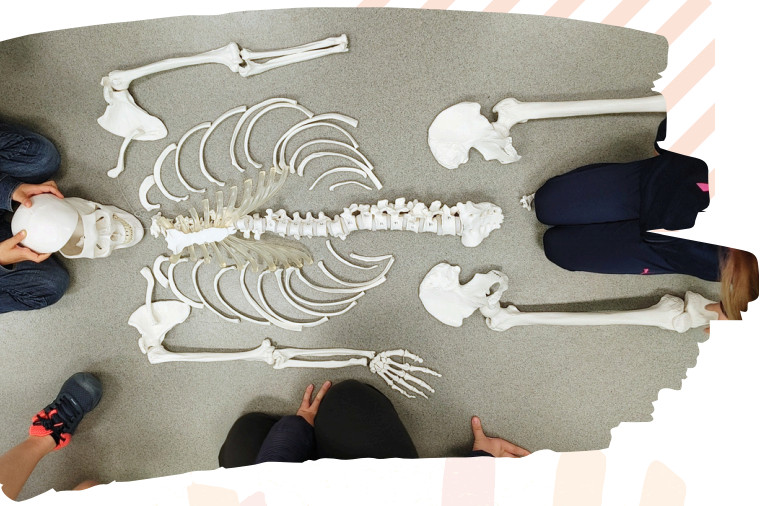
MICROSCOPES!

This program will introduce making observations while students learn to use digital microscopes.

Max class size 22 for each student to use their own microscope.

SALMON STYLE

Learn about salmon's anatomy, lifecycle and role in the food web. Older students will also focus on internal anatomy, while younger students will play salmon/ predator tag!



INDIANA BONES

Explore anatomy with our disarticulated teaching skeleton! Adaptable to many grades, even kindergarten!

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ANIMALS & INSECTS

SKULLS & MORE

Using real specimens, learn about local species, such as a bear, raccoon, or beaver. Gentle hands-on activity!

GYOTAKU TIME

Science & Art! Learn about external anatomy as children work in pairs to complete fish prints. All art supplies provided.

BUGS & INSECTS

Learn what makes some bugs insects & the important role they play in our ecosystem. Inspect insects under microscopes & be bees in a pollination game!

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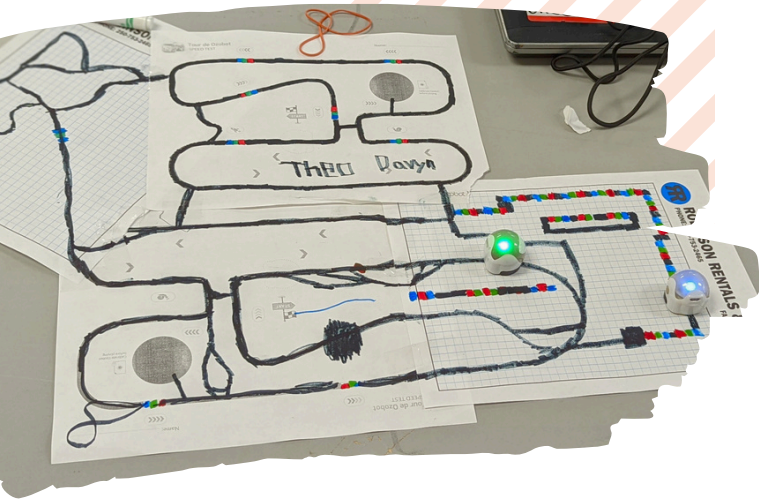
ENGINEERING & PHYSICS

KEVA BLOCKS

Design and challenge your students with hundreds and hundreds of KEVA blocks, and Nanaimo Science guiding your creations!



OZOBOTS

These mini bots are a great introduction to coding! Using colour codes with markers and paper, students can program ozobots to follow paths, change speed and turn!

SIMPLE MACHINES

Hands-on science at its best! Students will explore simple machines at a round of stations where they will build and test machines that do work.

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ENGINEERING & PHYSICS

JITTERBUGS & DOODLEBOTS

During this program, students will discover the building blocks of a circuit: a power source, a conductive path, and an electrical load (motor). Students will adapt their learning from a Jitterbug to a Doodlebot who will draw on its own!

WIND TUNNEL

Learn about lift! Students will build a simple whirlygig to consider wind resistance then make flying creations for the windtunnel!

ROCKETS

An engineering exploration that's a blast! Students will learn about trajectories after having built their own rockets. They will test out different launch angles and measure distances to track how far their rockets travelled.

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CHEMISTRY

LIGHT & DARK

Why do some things glow in the dark? Explore some of the properties of light, "black light", fluorescence, and make glow in the dark slime to take home!

CHEMISTRY MYSTERY

Students will be presented with a variety of safe solutes and solvents and use experiments and deductive reasoning to determine what their “mysterious” chemical components are.

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OUTDOOR ADVENTURES

ORIENTEERING

Meet us at one our outdoor mapped spaces for a scavenger hunt all about using compasses, map interpretation, and orienteering.

Available sites: Pipers Lagoon, Westwood Lake, Long Lake, Aspengrove or Island ConnectEd schools.

INTERTIDAL EXPLORATION

Meet us at a local beach at low tide to explore the intertidal zone! Use our dip nets and microscopes to observe creatures, seaweed, rocks and more; take part in scavenger hunts, and learn why the tide goes out!

Recommended sites: Departure Bay, Sebastion Beach, Neck Point Park.

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OUTDOOR ADVENTURES

TREE EXPLORATION

Learn about tree anatomy, and how to use their features to identify them and enjoy looking at specimens.
Younger students will take part in leaf rubbings and tree games; while older students will learn about hormones in trees, and their function.
Can be done on school grounds, or off-site at nearby treed areas.

GUIDED NATURE WALKS

Join Nanaimo Science for a guided nature walk, where students can explore local ecosystems up close! Our knowledgeable staff will meet your class at a nature spot near your school, bringing ID guides and binoculars to help students discover and learn about local wildlife. These 60 minute “walk and talks” are an engaging way to connect with nature, encouraging observation, inquiry, and curiosity.

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SPECIAL TREATS

TERRARIUMS

Students will build their own terrarium, learning about the oxygen cycle and the hydrologic cycle in a closed system. Students will discuss the needs of plants, and learn about how differences in soil, water, and light quality can impact their successful growth.

$340 for 1 hour *- each child makes their own take-home terrarium in a jar*

DRY ICE EXPLORATION

In this program students will learn how to safely enjoy the unique properties of dry ice. Students will learn about the various states of matter, explore vortices with our air cannon, and build their own model air cannons to try as well.

$340 for 1 hour

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HOW TO BOOK!

Found a program that your students will eat up?

Contact us at info@nanaimoscience.org to make a booking!

Nanaimo Science has several trained Outreach Educators to deliver these programs. We provide all equipment and supplies for each activity. Programs will be delivered by one or more Outreach Educators. Teacher(s) must be involved during the program(s).

Funding from your PAC can often be used for these programs, specifically when programs are considered extracurricular.

Need a program that is not on this list?

Contact us with your ideas!

To learn more about Nanaimo Science, visit our website

nanaimoscience.org

or follow us on social media

@NanaimoScience

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