



LEPS

LANGLEY ENVIRONMENTAL
PARTNERS SOCIETY

**Bringing the
outside...**

Inside!

Environmental Education

K-8 Programs for 2022 - 2023

IN-CLASS WORKSHOPS

Waste Warriors (grades K - 1)

Students learn skills to reduce garbage and become Waste Warriors. Using the 3R's, students recognize recycling symbols and sort materials found in their home and classroom.

**This workshop is funded and is free for schools in the Township of Langley and City of Langley (limited spaces available).*



It's a Bug's Life (grades K - 2)

Discover the world of arthropods and the important role these crawly creatures play in our world. Be a bug detective when aquatic insects are brought to your classroom.

**Available April, May and June.*

Hazards in My Home (grades 1 - 2)

Students become Hazard Detectives and identify which household hazardous products can be harmful by matching symbols with meanings. Students also discuss how household hazardous products can be harmful outside the home and learn safer choices for their families and the environment.

Water, Water Everywhere (grade 2)

Students become Water Scientists as they discover where their drinking water comes from! Water Scientists will learn about the water cycle, make a water necklace and a water conservation door hanger.

**This workshop is funded and is free for schools in the Township of Langley and City of Langley (limited spaces available).*



It Isn't Easy Being Green (grades K - 4)

Did you know that many amphibians call Langley home? Students learn all about their lifecycles, adaptations, habitats, and which species are at risk. Discover frog friendly behaviour through interactive discussions and fun games.

Salmon Forest (grades K - 4)

Students learn about the unique life cycle of Pacific Salmon. Discover what salmon need to survive and what makes healthy salmon habitat. Students also experience the obstacles salmon face during their migration through interactive games.



Worms World (grades K - 7)

Discover the amazing world of worms and learn how these skilled recyclers can help reduce classroom waste and provide compost for growing plants. Build a worm hotel and investigate amazing worm anatomy and their important role in creating soil.

**This workshop includes 1/2 lb of red wiggler worms and a worm composter (limited spaces available).*

Plants: Botany Basics (grades 1 - 5)

Discover what makes plants special by learning about plant parts and the role pollinators play in plants. Students discuss the stages of plant development, play Seed Bingo, and start a plant collection book through outdoor exploration.



SOS: Save our Species (grades 2 - 5)

What are endangered species and do any call Langley home? Discover the creatures who are at risk within our community. Build a snail hotel, learn what life for a Blue Heron is like, and gain an understanding of biodiversity and conservation science.

Trash Avengers (grades 2 - 4)

No one likes garbage. Learn where our garbage goes once it leaves our hands. Explore how to reduce waste at school and at home. Compete in a recycling relay. Discover how your class can become recycling hero's, the Trash Avengers!

**This workshop is funded and is free for schools in the Township of Langley and City of Langley (limited spaces available).*

Loop Scoop (grades 4 - 6)

Taking a closer look at the "life story" of everyday objects, students discover the true "cost" in terms of environmental impact in the production, distribution and disposal of goods. Students are empowered to consider putting into practice a second set of the 3 R's: Refuse, Repair, Repurpose.

**This workshop is funded and is free for schools in the Township of Langley and City of Langley (limited spaces available).*

*Some of our workshops have been digitalized and modified for remote learning, or available online.
Email or call for inquiries.*

P: 604.546.0339

E: education@leps.bc.ca

LOCAL FOOD EDUCATION

Get to Know Your H₂O (grades 5 - 8)

Discover the importance of water as a finite resource and find out where your drinking water comes from.

Students discuss the water sources in Langley and use a 3D model to discover the connection between people and water pollution while learning how to minimize their impact.

**This workshop is funded and is free for schools in the Township of Langley and City of Langley (limited spaces available).*



Natures Diversity and You! (grades 5 - 8)

What is diversity, and why is it important? Learn the 4 components of habitat – food, water, shelter, and space. Students explore concepts related to food chains and discover ways humans impact ecosystems.

**Optional: build a birdhouse, \$8 each. Limited number available.*

Food Isn't Garbage (grades 5 - 8)

Did you know in Metro Vancouver, 80,000 potatoes are thrown out every day? Food waste is a big problem and through this workshop students will learn the importance of food recycling and practical ways to reduce food waste.

**This workshop is funded by the Township of Langley and is free for schools in the ToL (limited spaces available).*

Our Changing Climate (grades 5 - 8)

Students evaluate climate change and discuss how humans impact ecosystems. Students will learn about the Greenhouse Effect and the role of the Carbon Cycle. Classes will be encouraged to adopt climate friendly behaviours. **This workshop is funded by the Township of Langley and is free for schools in the ToL (limited spaces available).*

TAKING IT OUTSIDE

Streaming Along (grades 3 - 8)

Students discover the ecology of our local streams through hands-on investigation of a salmon habitat. LEPS staff meet your class in the field to conduct water quality testing, fish identification, and aquatic bug sampling.

**Cost is \$125.*



Nature's Classroom (grades 3 - 8)

A multi-session outdoor learning experience. Spring 2023 dates offered.



As classes plant vegetables at local community gardens, students learn about soil and composting, discover the needs of plants, and become environmental stewards. Throughout the series, they will develop an awareness about environmental issues and social responsibility as they learn about local food security. Food grown and harvested is donated to local food banks to feed those in need.

**This program is presented in partnership with Envision Financial. \$10 per student*

Seed to Plate (grades 5 - 8)

A four session food learning experience. Available in spring 2023.

**Participation in series is \$8 per student. Partially funded by Metro Vancouver. Available in Spring 2023 .*

Where do Tomatoes Come From?

Part 1 of 4

Where does our food come from, and how does it get onto our dinner plates? Discover how becoming a locavore can lighten the load on our planet.

Spuds, Sprouts, and Spades

Part 2 of 4

Visit a local community garden to plant your own veggies and try your hand at composting. Learn about a plant's lifecycle and discover what plants need to survive.



Outstanding in Their Field

Part 3 of 4

Join us for a tour of a Langley farm to meet an organic farmer who grows the food you find on your dinner plate.

Let's Eat! A food Celebration

Part 4 of 4

Prepare delicious locally grown vegetables and enjoy a meal together as a class. Explore some of the weird and wonderful foods that can be grown in Langley.

WORKSHOP PRICES

UNLESS NOTED OTHERWISE

| Grade | Duration | Cost |
|--------------|------------|------|
| Kindergarten | 60 minutes | \$75 |
| 1-3 | 75 minutes | \$85 |
| 4-8 | 75 minutes | \$90 |

RESOURCES FOR TEACHERS

ECOKIT EDUCATION PROGRAM

The LEPS EcoKit resources are available online and in office. Kits include lesson plans, activities, books, tools, manipulatives, and equipment. You may borrow a Kit from our office, or view our digital online EcoKit resource library.

TOPICS:

- Salmon
- Wildlife
- Botany
- Frogs
- Waste
- Climate
- Bugs
- Ecology
- Plants
- Waste
- Watersheds

STORM DRAIN MARKING

Paint a drain to save a fish!
Mark the storm drains around your school with yellow fish.



OWL PELLET DISSECTION

A science experiment straight from the owl's mouth! Teach the food chain, animal structure, ecology, and anatomy and history. **Limited availability, \$1/pellet.*

All materials can be borrowed from LEPS at 604.534.0339 or education@leps.bc.ca

COMMUNITY CLEAN UP

Your class or school can conduct a local clean up and borrow clean up materials from the Township of Langley's Adopt-a-Program 604.532.7300 or adopt@tol.ca

BOOKING A PROGRAM

P: 604.546.0339

E: education@leps.bc.ca

Educational programs are presented by Langley Environmental Partners Society (LEPS). Programs are open to both public and private schools. Workshops are **available virtually or online by request.**

LEPS workshops provide hands-on, interactive experiences that support the current BC Curriculum.

Safety protocols to prevent the spread of communicable diseases will be followed diligently.

In-Class Workshops are offered Tuesday-Friday. Schools are encouraged to book 3 presentations per day. Limited to one class per session; maximum 30 students.

Book early to avoid disappointment.

LEPS educators do not replace the classroom teacher; assistance with classroom management allows for the highest quality programming.

WORKSHOP PRICES

UNLESS NOTED OTHERWISE

| Grade | Duration | Cost |
|--------------|------------|------|
| Kindergarten | 75 minutes | \$75 |
| 1-3 | 75 minutes | \$85 |
| 4-8 | 75 minutes | \$90 |

THANK-YOU TO OUR FUNDERS! SPECIAL ACKNOWLEDGMENT TO BC COMMUNITY GAMING GRANTS FOR CONTINUED SUPPORT



www.leps.bc.ca



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