

**CLASSROOM
EDUCATION**

2022-23

PROGRAM GUIDE



BC WILDLIFE FEDERATION



youth@bcwf.bc.ca



facebook.com/bcwfyouth



CLASSROOM EDUCATION

The BCWF offers a variety of classroom education programs for youth of all ages to introduce students to the world of conservation and the great outdoors. Programs are designed to engage students with the natural world and inspire them to protect it. We can customize and bring the fieldtrip to you, making each program unique!

Classroom Experiences.....	2	Outdoor Safety & Survival.....	8
Custom Programs.....	3	Oceans.....	9
Pricing & Booking.....	4	Pollinators.....	10
Program Themes.....	5	Wetlands.....	11
Climate Change.....	6	Wildlife.....	12
Leadership.....	7		

CLASSROOM EXPERIENCES



Bring Outdoor Education to your School

The BCWF offers a variety of classroom education programs for children and youth of all ages. We aim to introduce students to the world of conservation and the great outdoors. Programs are approximately an hour long and are facilitated in-person either at your school or a local greenspace. All of our programs align with the B.C. curriculum and include hands-on activities.

Rates



Hour-long Programs

Programs include all required supplies, equipment, and a minimum of one BCWF educator.



\$10-15/Student*

*Exact rate will be determined when booking. Additional travel fees may be added depending on location.

CUSTOM PROGRAMS

Outdoor Education Programs Customized for Your Students

If you do not see any lessons that work for your students, let us know! We are happy to work with you to develop a custom program for your class. If this interests you, contact us to request a quote. Because these programs are custom built, they must be booked a minimum of **six weeks** in advance.

Request a Quote

Send us an email that includes:

- The name of your school or student group
- The age of your students
- The *type* of program (Lesson + Activity, or just lesson?)
- A short explanation of your program idea.



youth@bcwf.bc.ca



PRICING & BOOKING



Booking

To book any of our programs, send us an email with the Program **Type** (Classroom or Custom), the **Theme or Lesson**, the **Age** of your group, and the approximate **Time and Date** you are looking for. If there is a particular location you would like to use, such as your school or local park, please let us know. We can also suggest several options that could be well suited to your desired program.



Pricing for Classroom Experiences

- \$10–15 per student
 - Exact rate is determined when booking and is based on program and location
- Additional travel fees may be added depending on location

Pricing for Custom Experiences

- Custom prices vary depending on the program
- Pricing model is built on cost of supplies, program development, and program facilitation
- Email us to request a quote



youth@bcwf.bc.ca

PROGRAM THEMES



Our programming is currently available in 7 themes! Each theme contains multiple lessons to choose from. Groups can select a single lesson or book multiple lessons. Multiple programs can be run on the same or different dates. We are happy to work within your timeframe!



Program Themes:

- Climate Change
- Leadership
- Outdoor Safety & Survival
- Oceans
- Pollinators
- Wetlands
- Wildlife



The following pages have additional information on each program theme's target age groups, available lessons, and learning objectives. Click on the Curriculum Guide icon to view the guide for each program.



CLIMATE CHANGE

Focus Ages: Elementary, Middle & High School

Climate change is one of the most pressing issues in our world. In these lessons we cover a variety of topics from what is climate change to trophic levels in our ecosystem and ways kids can take action against climate change.



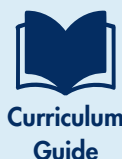
Available Lessons:

- **Ocean Waste**



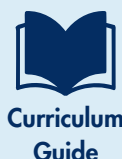
- Did you know a truckload of waste enters our oceans every minute? Find out more about the problem with plastic in our oceans and what you can do to help.

- **Dragonfly Pond**



- This hands-on challenge-style lesson puts your students in the shoes of a city planner who has to design a city while protecting wildlife habitats.

- **Trophic Levels**



- Learn more about the different levels of ecosystems and the vital role that all elements play. This program takes a closer look at how different plants and animals rely on each other, as well as the impact humans have.



LEADERSHIP

**Focus Ages: Elementary,
Middle & High School**

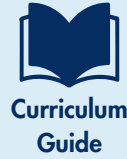
Leaders are present in every aspect of our world. One place where we really need leaders now is our environment! These programs focus on basic leadership skills and how to apply them in order to become an environmental leader!



Available Lessons:

- **Introduction to Leadership**

- Learn the basics of what it means to be a leader and get on your way to becoming an environmental leader!



- **Communication**

- It truly is key! We all communicate differently, and this lesson will teach you how to improve your unique communication skills to become a better leader.

- **Team Building**

- A great leader needs a great team to match! This lesson will teach you the skills you need to build an effective and strong team.



OUTDOOR SAFETY & SURVIVAL

Focus Ages: Elementary & Middle School

This topic focuses on providing kids with the basic skills needed to survive in the wild! Our educators teach the basics and guide students through hands-on activities that help them practice their new skills in safe and controlled environments.



Available Lessons:

• Fire Building



Curriculum Guide

- If you want to keep warm or roast marshmallows, this course focuses on the steps needed to create a safe fire and reduce the risk of forest fires.

• First Aid



Curriculum Guide

- From non-life threatening cuts to hypothermia, learn strategies to address common outdoor hazards.

• Hug-a-Tree



Curriculum Guide

- Learn how to not become lost in the woods and what to do if it happens with this AdventureSmart program.

• Survive Outside



Curriculum Guide

- Stay informed and be prepared before heading out into nature with this AdventureSmart program.

• Shelter Building



Curriculum Guide

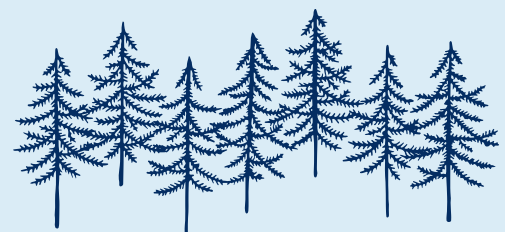
- In emergency situations, shelters are important for survival! Building structures to stay warm and dry is the focus of this program.

• Wayfinding



Curriculum Guide

- Knowing how to find our way is crucial for kids to keep safe in the outdoors. Students will learn the basics of wayfinding and how to use a compass!



OCEANS

Focus Ages: Elementary & Middle School

Approximately 70% of our planet is covered by water, and they are packed full of wonderful and exciting creatures! Learn more about what lives in our lakes and oceans, how we interact with them, and how we can protect them.



Available Lessons:

• Fishing 101



- Fishing is a skill that can come in handy in survival situations. We teach your students about the tools, licenses, and regulations for fishing in BC.

• Fishing & Crabbing

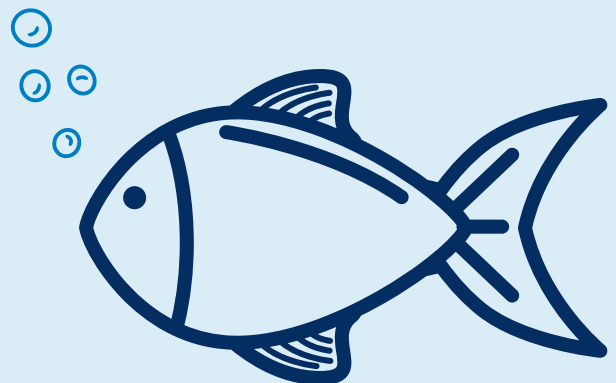


- Join us to learn the basics of fishing and crabbing! Students will learn how to cast fishing rods and crab traps, as well as some tips for practically handling what they catch. Activities will vary depending on location, and licenses will be required for intertidal fishing.

• Cetaceans



- Who doesn't love whales and dolphins? Learn all about the different types of cetaceans, the cool adaptations they've developed, and their ecological and cultural significance.



POLLINATORS

Focus Ages: Elementary & Middle School

There are so many pollinators out there in the world! Over 20,000 types of bees alone... and that is not including the wasps, flies and birds that help pollinate our fruits and vegetables. Learn about the different kinds of pollinators with us and what we can do to help them!



Available Lessons:

- **Pollination Basics**



Curriculum
Guide

- What is pollination and why is it so important? Learn about how plants and pollinators interact, why they need each other, and why WE need them.

- **Birds and Butterflies**



Curriculum
Guide

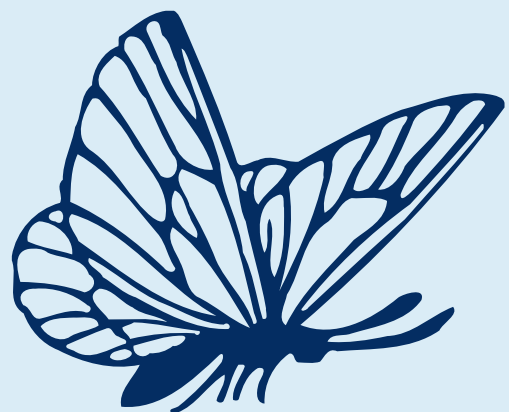
- Bees shouldn't get all the buzz. Birds and butterflies are important pollinators too! Meet some of BC's butterflies and meet birds from around the world who help pollinate plants.

- **Types of Pollination**



Curriculum
Guide

- Most plants can't pollinate themselves and need a little help. From insects and birds to wind and people, learn about the many relationships plants have to continue their life cycles.



WETLANDS

**Focus Ages: Elementary,
Middle & High School**

Wetlands are extremely important parts of BC's environments! They are unique ecosystems full of biodiversity and make perfect homes for lots of wildlife. This theme dives into what wetlands are, why they are important, and what we can do to protect them.



Available Lessons:

• What are Wetlands?



Curriculum
Guide

- A perfect introduction to wetlands! Learn about the three key parts of a wetland in this lesson.

• Types of Wetlands



Curriculum
Guide

- Did you know there are five types of wetlands? Find out how we classify them and practice being an ecologist as we try and identify the different kinds of wetlands.

• Invasive Species



Curriculum
Guide

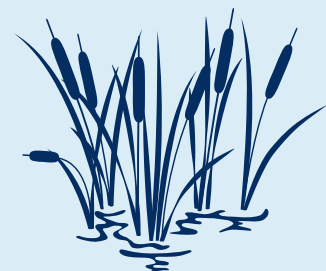
- Why is stopping the spread of invasive species so important? Learn the differences between indigenous and invasive plants and how they affect the environment and economy.

• Invertebrates



Curriculum
Guide

- This hands-on program allows students the opportunity to interact with some of the smaller inhabitants of our wetlands. We will be casting our nets to see who we can find living in our wetlands.



WILDLIFE

**Focus Ages: Elementary,
Middle & High School**

British Columbia is so full of wildlife! This theme covers all sorts of life here in BC and throughout the world. Learn about these animals, what threats they are facing, and what we can do to protect them!



Available Lessons:

- **Raptors**



Curriculum
Guide

- These birds of prey are important for our ecosystems. Learn how to identify them, and how to protect them.

- **Cervids**



Curriculum
Guide

- Never heard of a cervid? Hint: they are the deer family! Learn how to identify them and about the threats they are facing here in BC.

- **Bats**



Curriculum
Guide

- Get to know a bit more about these exciting, winged creatures! We dive deeper into the different kinds of bats and the important role they play in our ecosystems.

- **Wildlife Rehabilitation**



Curriculum
Guide

- Most animals that are taken to rescue centers are there as a result of human activities. Knowing how to respond when an animal is in danger can be critical to it getting the care it needs.

- **Migration**



Curriculum
Guide

- In this lesson, we talk about birds, cervids, and even fish whose life cycles involve migration.

