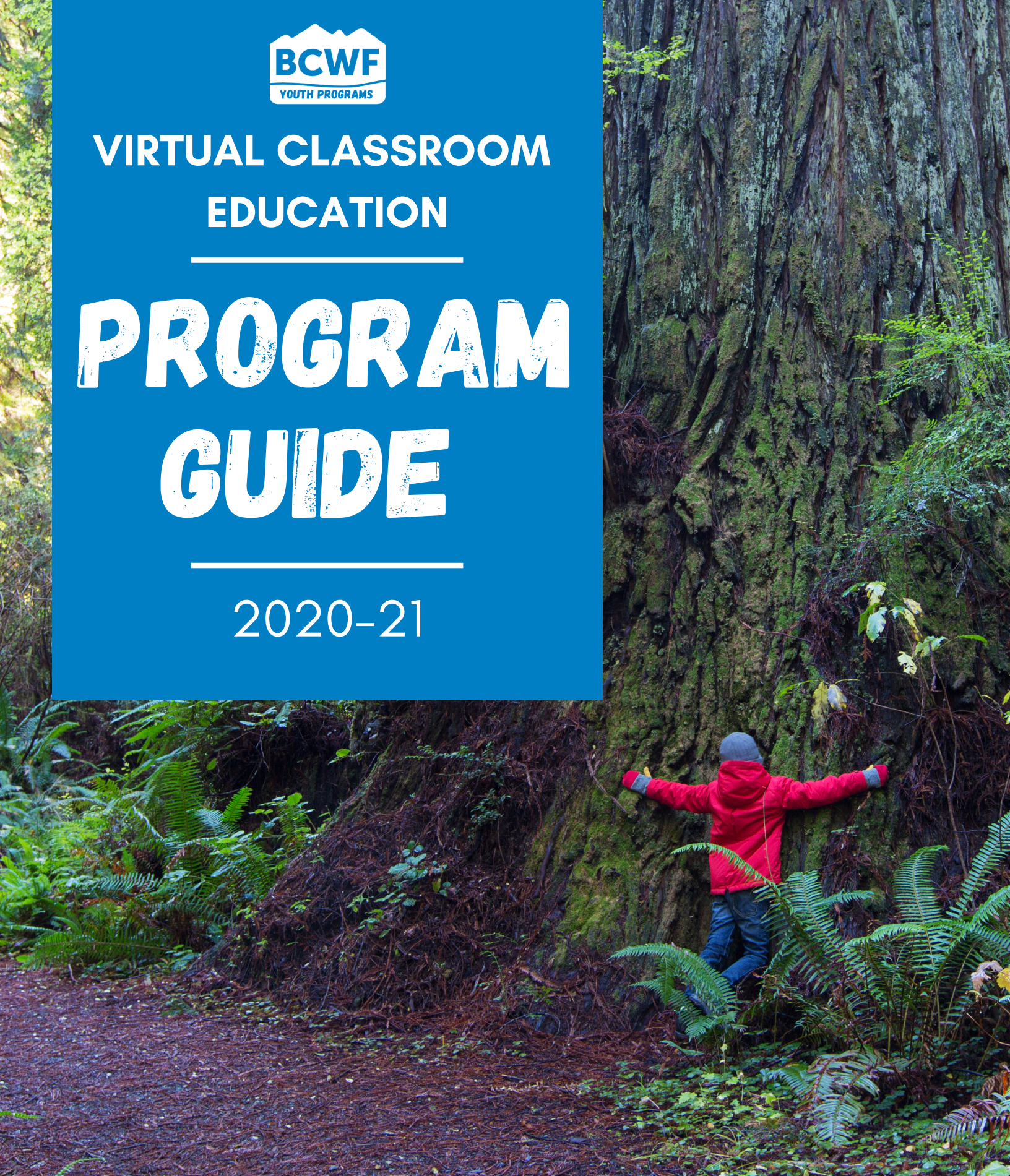




## VIRTUAL CLASSROOM EDUCATION

# PROGRAM GUIDE

2020-21



BC WILDLIFE FEDERATION



[youth@bcwf.bc.ca](mailto:youth@bcwf.bc.ca)



[facebook.com/bcwfyouth](https://facebook.com/bcwfyouth)



# ABOUT



## VIRTUAL CLASSROOM EDUCATION

With the phased approach to return to school, the BCWF Youth Programs wants to support teachers, educators, and schools as we adapt to new and changing procedures. To do this, we have created live virtual workshops that are now available in a few different forms to best suit your students, offered in both English and French. This program guide offers a detailed breakdown of our program options, pricing, lessons, and themes.

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# CLASSROOM EXPERIENCES



## Bring Outdoor Education to your Classroom

These are 1-hour lessons with a BCWF educator via Zoom. This can be done by the class watching on a projector or from their home computers if students are doing online learning. Classroom experiences must be booked a minimum of **three weeks** in advance. **We offer courses in English and in French.** There are two options for classroom learning:



### BCWF Delivered Lesson + Activity

We will deliver your students the supplies needed for a guided activity related to the lesson. This is highly recommended as students can enrich their learning in a hands-on way.

**\$12/Student\***



### BCWF Virtual Lessons Lesson Only

This is a lower cost option which provides an hour-long session with a BCWF educator, no activity included.

**\$90 Flat Rate**

**Pick any lesson(s) from our Virtual Classroom Lesson Guide starting on page 7.**

\*In order to get this rate, your lesson must be in the Lower Mainland. If you are outside this region, the rate will have to account for shipping costs and will be closer to \$25/student. Please email us at [youth@bcwf.bc.ca](mailto:youth@bcwf.bc.ca) for more information and a quote!



# SCHOOL-WIDE EXPERIENCES

## Build Community through Outdoor Education



This is a great option to bring learning groups together this school year! This discounted bundle allows schools to buy a bundle of lessons and book a whole week of learning for their school. Pick a theme and let teachers pick their lessons. To receive the bundled discount you must book a minimum of 10 lessons, and a max of 15 for one week. School-Wide Experiences must be booked a minimum of **three weeks** in advance. **Lessons offered in both English and French.**

**Pick any lesson(s) from our Virtual Classroom Lesson Guide starting on page 7.**

*Need more than 15 lessons? Book two weeks or let us know and depending on capacity we may be able to accommodate you!*







# SCHOOL-WIDE EXPERIENCES (CONT.)

## Sample Schedule:

Example schedule schools will receive: Teachers can pick a block and choose the lesson they wish to fill in it.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Time Slot 1					
Time Slot 2					
Time Slot 3					

## Two Options:



### BCWF Delivered

Lessons + Activity

We will mail you and your students the supplies needed for a guided activity related to the lesson. This is highly recommended as students can further their learning in a hands-on way!

**\$8/ Student\***



### BCWF Virtual Lessons

Lessons Only

This is a lower cost option which provides an hour-long session with a BCWF educator, no activity included.

**\$85/ Lesson for min. 10 lessons \*\***

\*In order to get this rate, your lesson must be in the Lower Mainland. If you are outside this region, the rate will have to account for shipping costs and will be closer to \$21/student. Please email us at [youth@bcwf.bc.ca](mailto:youth@bcwf.bc.ca) for more information and a quote!

\*\* If you book less than 10 lessons for your school-wide experience, your lessons will be priced at \$90 per lesson.



# 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 *type* of program (Lesson + Activity, or just lesson?) and language option (English or French)
- A short explanation of your program idea.



[youth@bcwf.bc.ca](mailto:youth@bcwf.bc.ca)





# PRICING & BOOKING



## Booking

To book any of our programs, send us an email with the Program **Type** (Classroom, School, or Custom), the Program **Package** (BCWF Delivered or BCWF Virtual Lessons), the **Theme or Lesson**, and the program **language** (English or French). BCWF Delivered prices are for the Lower Mainland. Outside of this region, prices will be higher to accommodate for shipping costs. Please email us to learn more.



youth@bcwf.bc.ca

### Pricing for Classroom Experiences

- BCWF Delivered: \$12/Student\*
  - Lesson + Activity with supplies mailed to students in the Lower Mainland.
- BCWF Virtual Lessons: \$90 for max. 30 students
  - Virtual Lesson Only

### Custom Programs

Our Custom Programs pricing model is built on cost of supplies, program development, and program facilitation. Email us to request a quote!

### Pricing for School-Wide Experiences

- BCWF Delivered: \$8/Student\*
  - Lessons + Activity with supplies mailed to students in the Lower Mainland.
- BCWF Virtual Lessons: \$85\*\* per lesson for min 10 lessons, max. 15 lessons with max. 30 students each.
  - Virtual Lessons only

\*In order to get this rate, your lesson must be in the Lower Mainland. If you are outside this region, the rate will have to account for shipping costs and will be closer to \$21 – 25/student. Please email us at youth@bcwf.bc.ca for more information and a quote!

\*\* If you book less than 10 lessons for your school-wide experience, your lessons will be priced at \$90 per lesson.



# PROGRAM THEMES

Our programming is currently available in 6 themes! Schools can book an entire week (10-15 lessons) or individual classes. Groups can also select a single lesson or book multiple lessons to book. You can also choose to select sessions where we mail your students activity supplies to do together during the lesson.



## Program Themes:

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



The following pages have detailed information on each program theme's target age groups, available lessons, and learning objectives.



# 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

- 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.

### • Shelter Building

- In emergency situations, shelters are important for survival! After taking this course, students will be more prepared to build a shelter that keeps them warm and dry.

### • 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.

### • Wayfinding

- Knowing how to find our way is crucial to keep kids safe in the outdoors. Our educators teach students the basics of wayfinding and how to use a compass!



# 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 can we do to protect them.



## Available Lessons:

- **What are Wetlands?**

- Learn about the three key parts of a wetland in this lesson.

- **Types of Wetlands**

- 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.

- **Migration**

- Wetlands are basically hotels for migratory birds. In this lesson, we talk about birds, cervids, and even fish whose life cycles involve migration.

- **Indigenous Plants**

- Learn the difference between invasive and indigenous plants here in BC! Our educators will teach your students why it is so important that we stop the spread of invasive plants for both our environment and the economy.

- **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.



# 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

- 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.

### • Bee Basics

- How can you tell the difference between a bee, fly, and wasp? Sometimes they all look alike. Learn the identifying characteristics to be able to tell the difference!

### • Native Bees

- Learn about the bees that call BC home! There are so many, and protecting them is something we can all do. You'll learn how in this lesson!

### • Honeybees

- Who doesn't love honey? Learn all about these amazing insects who provide us with sweet honey.

### • Birds and Butterflies

- 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.

### • Helping Our Pollinators

- Our pollinators provide us with food! So, it's our job to help and protect them. We will help your students become pollinator protectors!



# 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**

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

- **Waterfowl**

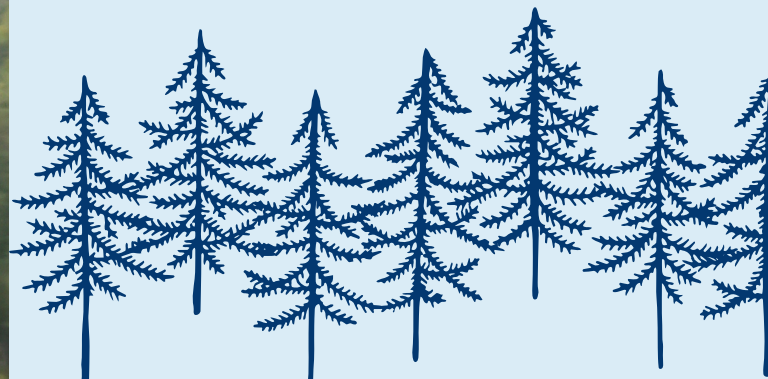
- Learn about what makes a bird a waterfowl and about the different types of waterfowl!

- **Cervids**

- 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.

- **Fish**

- Meet the fish of BC! You'll also learn about fish anatomy and conservation concerns happening right now in our province.





# 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 ocean acidification and ways kids can take action against climate change.



## Available Lessons:

### • Intro to Climate Change

- What's the difference between weather and climate? Learn about how climates change and how global warming came to be.

### • Greenhouse Effect

- Learn how the greenhouse effect is contributing to climate change and the different energy sectors that release greenhouse gas emissions into the atmosphere.

### • 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.

### • Ocean Acidification

- With the increase of carbon dioxide in our atmosphere, oceans are becoming more acidic and are dissolving shells and skeletons faster than before from our calcifying organisms.

### • Changing Forests

- Our forests are much more important than we think, and a lot is happening to them around the world. Learn about how climate change and humans are changing forests by looking at a few case studies.

### • Biodiversity Loss

- The world is full of diversity! Many animals, plants, and insects live, hop and crawl on this earth. What does biodiversity mean and why is it important? Join us to find out!

### • Connecting to Nature

- Why is it important to conserve and protect the natural environment? Learn about the benefits nature provides us and the services it offers to the ecosystem.

### • Sustainability and our Path Forward

- Is climate change all doom and gloom? Learn about how some people are taking actions, and what we can do in our own communities to think, act, and be sustainable.



# 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! This week focuses on basic leadership skills and how to apply it 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.

