School Programs
Programmes Scolaires

2020–21 PROGRAM GUIDE
FOR GRADES K–12
YOU CAN ALWAYS BE CERTAIN ABOUT NATURE

The 20/21 school year is going to be like no other. As schools work diligently to maintain a safe environment for students to learn in, we want you to know that FortWhyte is here as always to help.

According to the Lawson Foundation, promoting and facilitating more opportunities for kids to be outside will have significant and immediate positive impacts for both public health COVID-19 control measures and critical child development and learning. More than ever we see that outdoor learning needs to play a significant role in every child’s education.

For over 50 years FortWhyte has been connecting children to nature through our curriculum linked outdoor school programs. Now more than ever there is a need to get children outside, where they can safely learn & play.

In order to provide a safe environment for all our visitors, staff and volunteers, FortWhyte Alive have incorporated the following COVID-19 protocols.

- Sanitizing stations at all entrances and exits to our buildings
- Staff and volunteers must complete and pass the self-screening tool before coming to FW each day
- Group sizes have been reduced
- All interpreters are equipped with hand sanitizer for use out on the trail
- Equipment is being sanitized between uses
- Commonly used surfaces are cleaned throughout the day
- Programming will take place outside, with time spent indoors minimized
- Staggered start times between schools to avoid overlap

But outdoor learning can be incorporated into each school’s daily routine. And FortWhyte has a few ways we can help!

**Travelling Field Trips**

Now your FortWhyte field trip can be done in the comfort of your own schoolyard! Our knowledgeable interpreters will come ready to deliver an outdoor experience to your students. We’ll bring the equipment, and we’ll help you connect to the nature nooks that may have been overlooked. All programs are linked to the Manitoba Curricula and have active components to get your students up and moving! Visit our website for a list of programs!

**The Outdoor Educator**

A professional development workshop for teachers. The goal of this workshop is to assist teachers to break down the barriers they may fear about getting students outside. Our facilitators will work through the theory behind outdoor education, how to manage risk, and how to link your lessons to curriculum. Workshops can be customized to work within time constraints and level of understanding.

So as we navigate through these unchartered waters, keep FortWhyte in mind. We’re here to assist as you work diligently to provide a safe and engaging learning environment for your students.

—

Jody Watson
Director of Education
SPECIAL THANKS!  
UN GRAND MERCI!

We are ever grateful to those contributors that make our environmental, social science and outdoor adventure programs a continued success. Thank you to the following for 2020-21:

BUSINESS & FOUNDATION PARTNERS:

GOVERNMENT PARTNERS:
City of Winnipeg Water and Waste Department and Government of Manitoba

QUESTIONS? GET IN TOUCH:
Email: schools@fortwhyte.org
Phone: (204) 989-8355 x 206
Fax: (204) 895-4700

fortwhyte.org/schoolprograms
HOW TO BOOK

Simply visit us at fortwhyte.org and use our online booking system.

FortWhyte Alive program bookings are made on a first-come, first-served basis.

Programs cannot be booked over the phone.

Your request will be reviewed upon submission of your completed online booking form.

Consider your booking complete upon receiving your electronic confirmation document.

PLEASE NOTE

In order for us to best serve your group, please make us aware of any special details such as time constraints or students with additional support needs, prior to arriving for your field trip.

Please bring a printed copy of your confirmation document with you on your trip. This document with barcode will help us to expedite your check in.

CANCELLATION POLICY

We DO NOT cancel programs. We do have some alternate indoor activities to minimize outdoor time in the event of extreme weather conditions. Groups cancelling at least 14 days in advance will not be charged. All groups failing to show or cancelling within 14 days will be charged 50% of the total fee.

PAYMENT

Payment for your program can be made upon arrival to FortWhyte Alive. Cash, cheques, P.O., and credit cards are all accepted methods. Invoicing is an option, and subject to a $10 processing fee.

Winter bookings will be processed after October 13, 2020, and spring bookings after November 16, 2020.
GUIDED PROGRAMS
PROGRAMMES GUIDÉES
Kindergarten & Grade 1

**FALL: GETTING READY FOR WINTER**

You may be wearing a warmer jacket now that winter is on the way – what would you do if you were a squirrel, a turtle, or a Canada goose? Discover the amazing ways that animals and plants keep warm throughout Manitoba’s long, frozen season.

- **Dates:** September 21 – December 11
- **Fee:** $5.75/student (minimum program fee $57.50)
- **Group Size:** 10 – 40 students
- **Length:** 1.5 hours
- **RAS:** K-1-02, 03, 06 / 1-1-06, 07, 14 / 1-4-09, 10, 16

**SPRING: NATURE ALIVE**

Longer days mean livelier nature! The sounds and smells of spring are all around us, if we know how to find them. Search for the signs of the season by watching the leaves come out, spotting birds’ nests, and catching critters in a dipnet in the swamp.

- **Dates:** April 19 – June 25
- **Fee:** $5.75/student (minimum program fee $57.50)
- **Group Size:** 10 – 40 students
- **Length:** 1.5 hours
- **RAS:** K-1-02, 03, 07 / 1-1-07, 10, 14 / 1-4-09, 16

**Maternelle et 1ère année**

**AUTOMNE: ON SE PRÉPARE POUR L'HIVER**

Portez-vous un manteau plus chaud avec l'approche de l'hiver? Que feriez-vous si vous étiez un écureuil, une tortue ou une bernache du Canada? Vous allez découvrir les méthodes formidables par lesquelles les animaux et les plantes se gardent au chaud pendant la longue saison froide au Manitoba.

- **Dates:** 12 septembre au 11 décembre
- **Frais:** 5,75 $/élève (frais minimum 57,50 $)
- **Nombre d’élèves:** 10 à 40 élèves
- **Durée:** 1,5 heures
- **RAS:** M-1-02, 03, 06 / 1-1-06, 07, 14 / 1-4-04, 10, 16

**PRINTEMPS : RÉVEIL DE LA NATURE**

Le printemps et les plus longues jours nous amènent l’éveil de la nature! Les sons et les arômes du printemps nous entourent, si l’on connaît comment les chercher! Venez découvrir les richesses de la nature, en observant les feuilles, les nids d’oiseaux, et en attrapant des animaux aquatiques dans le marécage.

- **Dates:** 19 août au 25 juin
- **Frais:** 5,75 $/élève (frais minimum 57,50 $)
- **Nombre d’élèves:** 10 à 40 élèves
- **Durée:** 1,5 heures
- **RAS:** M-1-02, 03, 07 / 1-1-07, 10, 14 / 1-4-09, 16

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**LITTLE EXTRAS**

Enhance your field trip. FortWhyte Alive has a variety of rentals available for your next class visit!

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GAS BARBECUE</strong></td>
<td>$28 / HALF DAY</td>
</tr>
<tr>
<td><strong>SNOWSHOE</strong></td>
<td>$3 / PAIR</td>
</tr>
<tr>
<td><strong>FIRE PIT RENTAL</strong></td>
<td>$17</td>
</tr>
<tr>
<td><strong>LUNCH FOR YOUR BUNCH FROM THE BUFFALO STONE CAFÉ</strong></td>
<td>$11+</td>
</tr>
</tbody>
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*Price per person. Taxes and gratuities extra.*
Grades 2 & 3

**FALL: LIFE IN A GRASSLAND**

North America’s prairies teem with life – come discover their wonders, from bison to butterflies to boulders. Get to the root of the natural world by building a soil profile, and find out what insects live in the long grasses that cover the ground and collect some wild seeds to grow back at school.

**Dates:** September 21 – December 11  
**Fee:** $6/student (minimum program fee $60)  
**Group Size:** 10 – 40 students  
**Length:** 2 hours  
**SLO:** 2-1-09, 10, 12, 16 / 3-1-03, 08, 13 / 3-4-02, 09, 12

**FALL/SPRING: FROM FARM TO FORK**

Your favourite foods have stories to tell. Some have travelled from far away to reach your plate, while others may have grown up in your own garden. Growing more fruits and vegetables close to home is good for you and for the health of our planet, too! Visiting the greenhouse, digging for earthworms and mixing up soil on a working farm will give you a fresh look where food comes from.

**Dates:** September 21 – October 16, May 3 – June 25  
**Fee:** $6/student (minimum program fee $60)  
**Group Size:** 10 – 40 students  
**Length:** 2 hours  
**SLO:** 2-1-04, 07 / 3-1-01, 02 / 2-KE-036 / 3-KG-031

**SPRING: CATTAILS AND COOTS**

Wetlands come to life as you discover the plants that make them, and the animals that call them home. Find out which creatures begin their lives in the water and what changes they go through as they grow up. Learn how wetlands clean our water, and take a closer look at some underwater critters by catching them in a dipnet.

**Dates:** April 19 – June 25  
**Fee:** $6/student (minimum program fee $60)  
**Group Size:** 10 – 40 students  
**Length:** 2 hours  
**SLO:** 2-1-08, 09, 14, 15 / 3-1-07, 13, 14

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2e et 3 année

**AUTOMNE: LA VIE DANS LES PLAINES**


**Dates:** 21 septembre au 11 décembre  
**Frais:** 6 $/élève (frais minimum 60 $)  
**Nombre d’élèves:** 10 à 40 élèves  
**Durée:** 2 heures  
**RAS:** 2-1-12, 16 / 3-1-03, 08, 13 / 3-4-02, 09, 12

**AUTOMNE/PRINTEMPS: DE LA TERRE À LA TABLE – VISITE À LA FERME**

Votre nourriture préférée a sa propre histoire! Peut-être qu’elle vient de votre jardin, ou peut-être qu’elle a beaucoup voyagé avant d’arriver sur votre assiette. Les fruits et les légumes ont besoin d’un sol riche pour avoir un bon goût et pour bien à pousser. Creusez pour apercevoir des vers de terre, et prenez une promenade dans un jardin, pour voir sous un nouveau jour la nourriture que vous mangez quotidiennement. Vous apprendrez à quel point vos choix ont un impact sur la santé de notre planète.

**Dates:** 21 septembre au 16 octobre, 3 mai au 25 juin  
**(Ce program est seulement disponible lundi, mercredi et vendredi.)**  
**Frais:** 6 $/élève (frais minimum 60 $)  
**Nombre d’élèves:** 10 à 40 élèves  
**Durée:** 2 heures  
**RAS:** 2-1-04, 07 / 3-1-01, 02 / 3-4-01, 02, 08, 09, 10 / 2-KE-036 / 3-KG-031

**PRINTEMPS: CANARDS ET QUENOUILLES**

La vie des milieux humides se révèle lorsque vous découvrez les plantes et les animaux qui y habitent. Vous apprendrez quelles espèces passent le début de leur vie dans un marécage, quels changements elles subissent, et comment fonctionne la métamorphose! Regardez les animaux invertébrés de près en les attrapant dans un filet, et explorez l’importance environnementale des milieux humides.

**Dates:** 19 août au 25 juin  
**Frais:** 6 $/élève (frais minimum 60 $)  
**Nombre d’élèves:** 10 à 40 élèves  
**Durée:** 2 heures  
**RAS:** 2-1-08, 14, 15 / 3-1-07, 13, 14
Grade 4

FALL/SPRING: ADAPT OR DIE

Nature can seem wonderful, surprising, and strange, thanks to the amazing ways that living things are able to survive. Learn how the plants and animals around us use physical and behavioural adaptations to find food, shelter, water, air and space, and how you can help provide habitat for critters of all kinds.

Dates: September 24 – December 11, April 19 – June 25
Fee: $6/student (minimum program fee $60)
Group Size: 10 – 60 students
Length: 2 hours
SLO: 4-1-01, 02, 03, 04, 07, 09, 15

Grade 5

FALL/SPRING: WEATHERING THE CLIMATE

Whether the weather is cloudy or clear, it’s something we all have to face! Learn the difference between weather and climate, and use weather instruments to make a meteorological forecast, as you discover how weather and climate both affect our environment.

Dates: September 24 – December 11, April 19 – June 25
Fee: $6/student (minimum program fee $60)
Group Size: 10 – 40 students
Length: 2 hours
SLO: 5-4-01, 02, 06, 07, 09, 13, 14, 16

Grades 4 & 5

WINTER: DUE NORTH – THE CHANGING ARCTIC

Journey northward by snowshoe to a world of wonder and change. At our onsite Field Station, you will have the chance to think like Arctic scientists, discovering the effects of climate change on snow, the Arctic food chain, and Inuit communities with traditional knowledge of the land and ice. Get connected with ways to slow the change by reducing pollution closer to home.

Dates: January 10 – March 12 (Monday – Wednesday only)
Fee: $9.50/student (minimum program fee $95)
Group Size: 10 – 40 students
Length: 4.5 hours
SLO: 4-1-01, 04, 07, 09, 10, 11, 14, 15 / 4-2-01, 07 / 4-KI-013, 4-KH-034, 036, 038 / 5-2-08 / 5-4-01, 06, 16, 17, 18 / 5-KI-006

Grade 6

SPRING: A WORLD OF DIFFERENCE

All living things have something in common, but the way they look, grow, and live can be wildly different! Explore the variety of life in the forests, wetlands, and grasslands of FortWhyte, using classification keys, nets and your own eyes and ears. Learn why biodiversity is important and ways to help protect it.

Dates: April 19 – June 25
Fee: $6/student (minimum program fee $60)
Group Size: 10 – 40 students
Length: 2 hours
SLO: 6-1-03, 06, 08, 09, 11, 12
Grades 4, 5 & 6

FALL/SPRING: PEOPLE OF THE PRAIRIES

Follow in thousands of years of footsteps, hearing the stories of the Plains First Nations, the pioneers, and the Métis. Step inside a tipi and a sod house, discover useful wild plants, and re-create the early bison hunt by throwing an atlatl. See how our own lives connect with the past, and how life on the Prairies has changed over time.

Dates: September 21 – December 11, April 19 – June 25
Fee: $6/student (minimum program fee $60)
Group Size: 10 – 40 students
Length: 2 hours
SLO: 4-KI-010, 011, 4-KL-026, 4-KH-035 / 4-1-14 / 5-KL-017; 5-KM-050, 051 / 6-KI-011

Grades 5, 6, 7 & 8

SPRING: LE VOYAGEUR

"Welcome to the Northwest Company! Hard work, low pay, bad food, and thrilling adventure await you!" Embark on a perilous career as a voyageur in the year 1800. The Fur Trade shaped our history, and as you paddle your trade goods across the lake, you will have the chance to play a part in this rich chapter.

Dates: May 3 – June 25
Fee: $6.50/student (minimum program fee $65)
Group Size: 10 – 28 students
Length: 2 hours
SLO: 4-KI-010, 011, 012; 4-KH-033, 034 / 5-KI-009; 5-KL-021; 5-KH-030, 036; 5-KM-051 / 6-VI-007A, 007F / 7-KL-028, 029 / 8-KI-021, 8-KG-044

Grades 6 & 7

FALL: DYNAMIC DIVERSITY

Even in the smallest natural area, an incredible diversity of living and non-living things are constantly interacting. Take a closer look by completing an investigation of FortWhyte’s plants, animals, and soil. Learn about the importance of fire in maintaining diversity in the boreal forest, and how diversity keeps ecosystems strong.

Dates: September 21 – October 30
Fee: $6/student (minimum program fee $60)
Group Size: 10 – 40 students
Length: 2 hours
SLO: 6-1-01, 04, 08, 09 / 7-1-01, 02, 03, 05, 12

Grade 7

SPRING: EVER-CHANGING ECOLOGY

Nature’s only constant is change. Discover how fire can plant new trees, and what impact a single species can have when it disappears, or invades new territory. Explore the role of humans in FortWhyte’s ecosystem by identifying plants, tracks, and soil, and finding out how we can have affected nature’s balance over time.

Dates: April 19 – June 25
Fee: $6/student (minimum program fee $60)
Group Size: 10 – 60 students
Length: 2 hours
SLO: 7-1-01, 02, 03, 04, 05, 06, 12

PROGRAM SPONSOR:

Stantec
GUIDED PROGRAMS
PROGRAMMES GUIDÉES

WATER-THEMED TEACHING RESOURCES
To request any of these resources, please contact slowtheflow@fortwhyte.org

SLOW THE FLOW  ECOL’EAU
This free local resource offers a series of lesson plans about water conservation, drinking water sources, water pollution, and Winnipeg’s water history. Order your USB stick today.
Disponible en français.

THE LEAK DETECTOR CHALLENGE!
LE DÉFI DE DÉTECTION DE FUITE!
Engage your classroom in water conservation by detecting water leaks and improving water conservation with the Leak Detector Challenge. Summarize and share student results to receive rewards shipped to your school, including shower timers and FortWhyte admission passes. Prizes for Winnipeg schools only.
Disponible en français.

FALL: September 15 – November 15
SPRING: February 15 – April 15

WATER CONSERVATION PRESENTATION
Book a FortWhyte Alive educator at no cost to talk with your students about water’s importance for humans and habitats, water conservation, and the source of Winnipeg’s drinking water. Available for Winnipeg schools, in a live virtual presentation format.

PROGRAM SPONSOR:

YELLOW FISH ROAD
Yellow Fish Road™ is offering curriculum and badge linked water education programs within the City of Winnipeg. These programs are a perfect fit for teachers of Grades 1-8 or community leaders for youth ages 6-16. Teachers can order educational packages or inquire about a storm-drain painting action program to engage youth in educating their community at fortwhyte.org/yellowfishroad

Grade 8

SPRING: BLUE PLANET
Who needs water? Everyone! Find out how this unique substance shapes our world and keeps us alive. Learn about the pollutants that water can pick up on its travels through a watershed, and use different technologies to filter and purify swamp water. As you come to appreciate the role that water plays in everyday life, ask the question: How can you protect the world’s water sources for the future?

Dates: April 19 – June 25
Fee: $6/student (minimum program fee $60)
Group size: 10 – 40 students
Length: 2 hours
SLO: 7-2-18, 23, 7-4-04 / 8-4-01, 02, 06, 07, 14, 15, 17

PROGRAM SPONSOR:

Grades 8 & 9

FALL: WATER WATCHERS
Enjoy this unique opportunity to ‘take the pulse’ of water quality in FortWhyte’s watershed. Using scientific equipment, measure water’s transparency and chemistry, and collect invertebrates to discover what they have to tell us about the water bodies around us. How can you help to protect wetlands, rivers and lakes, so all can enjoy good water quality into the future?

Dates: September 21 – October 30
Fee: $6/student (minimum program fee $60)
Group size: 10 – 40 students
Length: 2 hours
SLO: 7-4-01, 02, 11, 17, 18 / 8-4-01, 02, 06, 07, 14, 15, 17

PROGRAM SPONSOR:

Grades 4 – 12

FALL/SPRING: PREDATOR & PREY
Go wild and play the game of survival! Put yourself in the place of an animal, escaping predators, hunting prey, and seeking the essentials of food, water, shelter, air, and space. Dodge environmental hazards, and hide from the human, as you run through the woods. It’ll get you thinking about the difficulties that species face, and the importance of protecting habitats.

Dates: September 21 – December 11, April 19 – June 25
Fee: $6/student (minimum program fee $90)
Group size: 10 – 40 students
Length: 2 hours
SLO: 4-1-01, 03, 09, 10, 11, 13, 14, 15 / 7-1-05, 06, 09, 10, 11 / 8-2-03, 04, 05, 07, 10 / 8-12-3-04, 05, B12-5-01, 02

PROGRAM SPONSOR:
Jouez au jeu de la survie! Mettez-vous dans la peau d’un animal sauvage. Échappez-vous des prédateurs, chassez votre proie et cherchez pour de la nourriture, de l’eau, un abri, de l’air et de l’espace. Évitez les dangers environnementaux et cachez-vous des humains dans les bois. C’est une façon amusante et active d’illustrer les difficultés naturelles que font face les différentes espèces dans la nature, ainsi que l’importance de protéger leurs habitats.

Dates: 21 septembre au 11 décembre, 19 août au 25 juin
Frais: 6 $/élève (frais minimum 90 $)
Nombre d’élèves: 15 à 60 élèves à
Durée: 2 heures
RAS: 4-1-01, 03, 09, 10, 11, 13, 14, 15 / 7-1-05, 06, 09, 10, 11 / 2-1-03, 04, 05, 07, 10 / B12-3-04, 05, B12-5-01, 02

Grades 5 – 12

FALL/SPRING: BLAZING YOUR TRAIL

Hit the trails to gain some navigation skills to find your way through FortWhyte. Locate good landmarks, use a GPS to find geocaches, and use an orienteering map and compass. You’re ready to go places!

Dates: September 21 – December 11, April 19 – June 25
Fee: $6.50/student (minimum program fee $85)
Group size: 10 – 40 students
Length: 2 hours
SLO: 5-, 6-, 7-, 8-S-100, 200, 203, 206, 207A, 208 / 9-, S2-S-100, -200, -202, -204

FALL/SPRING: WILDERNESS SURVIVAL

Are you prepared for being lost in the woods? This introductory program will teach teamwork, knowledge and basic skills around wilderness survival. Students will decide on necessary equipment in a survival kit, try a variety of methods to start a fire, construct an emergency shelter, find direction without a compass, and identify some local wild foods.

Dates: September 21 – December 11, April 19 – June 25
Fee: $6.50/student (minimum program fee $85)
Group size: 10 – 640 students
Length: 2 hours
SLO: 5-, 6-, 7-, 8-S-100, 103, 104, 203, 207A, 208, 301, 303 / 9-, S2-S-100, 202, 303 / 5-2-11, 7-2-08, 8-4-15, 2-2-05 / A.1.6, K.3.[5-9].A.2, K.3.[5-9].A.3, K.3.[5-9].A.5a, 11,12.PA.3
BE INSPIRED!

Follow us at pinterest.com/fortwhytealive for our favourite classroom lesson plans and ideas to get your students up and outside.

Our website carries a series of teaching ideas for the outdoors with activities tailored to Early, Elementary and Senior Years. From science experiments for young naturalists to traditional Inuit games, these great resources will get you outside in every season.

Visit fortwhyte.org/classroom-resources.

WINTER FUN DAYS

Winter Fun Days encourage students and teachers to get outside and get active with fun winter activities such as snowshoeing, tobogganing, orienteering and Inuit and Voyageur Games.

Please note that activities may be modified or changed to suit weather or snow conditions.

Grades 4 – 6

LATE FALL: FUR TRADE CHALLENGE

What is a hibernant? Do you have the guts to survive as a winter fur trader on the edge of the prairies? This adventure program incorporates elements of orienteering, historical facts, and a big bundle of fun! Roast bannock the old way; check your trapline, and see if you would have “wintered over” circa 1800.

Dates: November 24 – December 11
Fee: $6.50/student (minimum program fee $97.50)
Group size: 15 – 45 students
Length: 2 hours

Grades 6 – 12

LATE FALL: FRONTIER CHALLENGE

The year is 1875. Chased from their homeland by a volcanic eruption, Icelanders arrive in the new province of Manitoba to carve a livelihood from the land. Spark a fire against the cold; build shelter against the cold wind off the lake, and test your aim with a throwing hatchet – after all, you never know when a bear will show up at your door!

Dates: November 24 – December 11
Fee: $6.50/student (minimum program fee $97.50)
Group size: 15 – 45 students
Length: 2 hours

Grades 1, 2 & 3

WINTER CARNIVAL DAY

Includes a snowshoe hike, Inuit games, indoor craft, marshmallow roast and tobogganing.

Dates: January 11 – March 12
Fee: $9.75/student (minimum program fee $292.50)
Group size: 30 – 60 students
Length: 4 hours

Grades 4, 5 & 6

VIVE LE VOYAGEUR

Includes a snowshoe hike, voyageur games, snow taffy, tobogganing, and fur trading with the chief.

Dates: January 11 – March 12
Fee: $9.75/student (minimum program fee $292.50)
Group size: 30 – 60 students
Length: 4 hours

Grades 6 – 12

OUTDOOR SKILLS

Includes a snowshoe hike, fire and shelter building, tobogganing, bannock bake, and orienteering.

Dates: January 11 – March 12
Fee: $6.00/student (minimum program fee $180)
Group size: 30 – 60 students
Length: 2 hours

Grades K-12

WELCOME TO WINTER FOR NEW CANADIANS

Embrace the cold and learn to have fun year-round in Manitoba! This special program is focused on students who are spending their first winter or two in Canada. We will begin by making sure we are dressed for a Canadian winter; we’ll dip into our library of warm clothes as needed. Program includes a snowshoe hike to a tipi to learn about Indigenous culture, playing traditional Arctic games, making campfire bannock bread and tobogganing. To warm up, we’ll make a craft.

Dates: January 11 – March 12
Fee: $6.00/student (minimum program fee $180)
Group size: 30 – 60 students
Length: 2 hours
GUIDED HIGH SCHOOL PROGRAMS

Grade 10

FALL/SPRING: LIFE SUPPORT

Our unique planet supports all the life we know, including our own. Find out how to gather information about ecosystem health, and how human activity can have an impact on biodiversity. Complete a timber cruise to calculate the value of harvesting FortWhyte's forests, and consider environmental, social and economic perspectives.

Dates: September 21 – October 30, May 3 – June 25
Fee: $6.50/student (minimum program fee $65)
Group size: 10 – 20 students
Length: 2 hours
SLO: S2-1-07, -08, -09, -10

Grade 12

FALL/SPRING: RIPARIAN HEALTH ASSESSMENT

Aquatic life in lakes and streams is protected by riparian areas that filter runoff, hold the soil together, and provide habitat. Get your feet wet and complete a full assessment of FortWhyte's shoreline including classifying vegetation, examining soil, and testing water quality. Students will learn transect and quadrat sampling methods, use dichotomous keys and take water chemistry measurements.

Dates: September 21 – October 30, May 3 – June 25
Fee: $6.50/student (minimum program fee $65)
Group size: 10 – 20 students
Length: 2 hours
SLO: B12-5-01, -02, -03, -04, Culminating Task

HIGH SCHOOL À LA CARTE

Looking for a way to tie high school science concepts to real-life experiences in an outdoor setting? Pick from the below one-hour activities to build a FortWhyte program for any season. We also offer custom programs outside of the options below, please contact education@fortwhyte.org.

Grade 9 - 12

FALL/SPRING

Forest Plant Survey – Measure out a study site and identify trees, shrubs and ground cover plants using plant identification keys.

Water Quality Monitoring – Collect water samples and test for quality indicators such as nutrient levels, oxygen, pH, transparency, and invertebrate diversity.

Wildlife Diversity - Be guided through a hike to discover how Manitoba’s wildlife species adapted to our local environment.

Soil Types and Chemistry - Evaluate soil health by completing an assessment of physical, chemical and biological factors within it.

WINTER

Snow Science by Snowshoe - Strap on snowshoes and dissect a snowbank to compare crystal type, temperature and water content between samples.

Water Quality through the Ice - Learn how winter affects lakes by sampling water through a hole augered in the lake ice.

Winter Wildlife - Snowshoe through the forest to learn how to read animal tracks and the adaptations of winter animals.

Dates: September 21 – October 30, May 3 – June 25
Fee: $3.50/student (minimum program fee $35)
Group size: 10 – 20 students
Length: 1 hour per activity
SLO: S2-1-07, -08, -09, -10
Grades 7 – 12

**SPECIALTY SCIENCE DAYS**

Get in on a fantastic science experience by registering a small group of students for a station-based learning day led by experts in areas important to our environment such as clean water, healthy soil and climate change. Students will become familiar with scientific equipment and get informed and inspired towards careers in environmental science, biology and more.

Register and learn more at fortwhyte.org/specialty-science-days

**RIVERWATCH WATER MONITORING**

Spark your students’ interest in what’s in the water by monitoring a nearby pond, ditch or river. Riverwatch is a great way to develop hands-on science skills and increase understanding of local water quality issues. FortWhyte Alive will assist you in choosing a safe sampling site, and meet you onsite to assist you in testing aquatic health using the Riverwatch Kit. Students will measure water transparency, complete water chemistry tests, and investigate aquatic invertebrates.

Teachers must be familiarized with Riverwatch through an online teacher training session provided by FortWhyte Alive upon booking a program.

Find out more about this program at fortwhyte.org/watermonitoring

Dates: September 21 – October 30, April 19 - June 25
Program Fee: $175/session
Group size: 5 – 20 students*
Length: 2 hours

*Custom group sizes available upon request

**IISD-EXPERIMENTAL LAKES AREA**

IISD-Experimental Lakes Area is one of the world’s most influential freshwater research facilities, located in northwestern Ontario. Learn about the range of discoveries they are making about freshwater ecosystems through FREE presentations for Grades 4 and up. Find more information at iisd.org/ela/education-and-outreach.

Looking to combine programming? An IISD-ELA presentation pairs well with a FortWhyte Alive water-themed program or Riverwatch session.

Contact education@fortwhyte.org for more information.

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GUIDED HIGH SCHOOL PROGRAMS
FortWhyte’s small, sheltered lakes provide the perfect setting for teaching basic skills in canoeing and kayaking. Programs available for Grades 5 and up. All water-based courses are taught by experienced instructors. We maintain a low student to instructor ratios to ensure safety and individual attention. Paddling programs are an excellent enhancement to the Physical Education curriculum.

**Water-Based Programs**

**Canoe & Kayak Sampler**
Students will become familiar with basic equipment, strokes, and safety procedures for both of these awesome paddle sports.

- **Dates:** May 5 – June 25
- **Fee:** $16/student (minimum program fee $192)
- **Group size:** 12 – 24 students
- **Length:** 2.5 hours

**Introduction to Canoeing**
Ideal for students heading out on a school canoe trip. Introduction to Canoeing covers boat safety, equipment selection and care, and basic paddle strokes.

- **Dates:** May 5 – June 25
- **Fee:** $16/student (minimum program fee $192)
- **Group size:** 12 – 24 students
- **Length:** 2 hours

**Introduction to Kayaking**
The thrill of powering a kayak across our lakes will exhilarate your students. This program covers safe kayak entry and exit, basic strokes, equipment care and boat safety.

- **Dates:** May 5 – June 25
- **Fee:** $16/student (minimum program fee $160)
- **Group size:** 10 – 16 students
- **Length:** 2 hours

**Swimming at FWA**
A lifeguard is available for $40 per hour of swimtime. Lifejacket use is mandatory for all swimmers.

**Cancellation Policy**
We reserve the right to cancel, postpone or shorten water-based programs due to adverse weather conditions (wind, rain, lightning, etc.). We will provide dry-land programs when appropriate.

**School Outdoor Overnight Opportunities**
FortWhyte’s fully-equipped, energy-efficient Siobhan Richardson Field Station is the base for our school overnight programs. Located on a beautiful, secluded lakeshore site, students (Grades 4-12) will be immersed in the outdoors, while exploring all FortWhyte Alive has to offer.

Available from September to June for 16 to 24 participants. Contact us to create your customized program. Email bookings@fortwhyte.org or call (204) 989-8355 ext. 204
You know your students, and love to teach them about nature and history. Booking a self-guided program will allow you to customize your students’ experience at FortWhyte. All programs include links to Manitoba curriculum.

**We provide:**
- A program overview and pre-program teaching resources
- Expedition kit containing:
  - Booklet with recommended schedule, discussion topics, interpretive stops and learning games
  - Map of FortWhyte Alive
  - All the equipment you will need for your students

**Fees:**
- Half day: $3.75 – Min: 15 students (or $56.25)
- Full day: $4.75 – Min: 15 students (or $71.25)
- Combo: $2.50 – Min: 15 students (or $37.50)
- Min: 15 élèves (ou 56,25 $)
- Journée complète: 4,75 $ – 15 élèves (ou 71,25 $) au 60 élèves
- Combiné avec un programme guidé: 2,50 $ – 15 élèves (ou 37,50$) au 60 élèves
Maternelle et 1ère année

**LES AMIS DES BOIS**

La forêt est un endroit merveilleux! Apprenez comment les plantes de la forêt subvénient à leurs besoins et répondent à ceux des gens et de la faune. Votre trousse « Les amis des bois » vous permettra de donner vie à la forêt.

2e et 3e années

**LA VIE SOUS NOS PIEDS**

Un monde fascinant se cache sous nos pieds! Venez étudier le sol et jeter un coup d’œil au monde marin en attrapant des animaux aquatiques. Vos étudiants apprendront qu’il y a plus à la vie que ce qui paraît à la surface!

4e et 5e années

**LES SENTIERS SAUVAGES**

Découvrez les systèmes naturels au Manitoba en étudiant les plantes et les animaux dans divers habitats. Dirigez vos élèves vers des explorations et découvertes à travers les forêts, les milieux humides, les lacs, et les prairies.

5e à 12e

**SUPER COURSE D’ORIENTATION**

Explorez FortWhyte Alive en faisant une course d’orientation! Nous vous remettrons des cartes, des clés d’identification, et un document qui offrira une explication détaillée de l’utilisation de ces cartes et des règles. Les jeunes de votre classe pourront s’amuser en découvrant notre parcours d’orientation.
TRASH CAN JAM FOR EVERYONE!
Since partnering with Compost Winnipeg in 2017, FortWhyte has diverted an average of 13,000 lbs/year of organic material from landfills. While we’re proud of our success, the cornerstone of FortWhyte’s Sustainability Plan is to inspire all visitors to be more environmentally conscious in their everyday lives. We’re excited to announce all groups staying for lunch will participate in the Trash Can Jam Challenge!

A FRESH PERSPECTIVE ON GARBAGE
We want waste reduction to be accessible for all students. That’s why we will focus on the message, and not the amount of trash in the can. We want to help your students to make the choice to reduce, reuse and recycle everyday.

START THE CONVERSATION IN THE CLASSROOM
What happens to your wrapper after you throw it out? From math to science, English and art, unique opportunities for learning can be uncovered by taking a closer look at what we are throwing away. Check out our Trash Can Jam educational resources at fortwhyte.org/foreducators/trash-can-jam for activity ideas and to prepare your students for their lunch at FortWhyte.

TRASH CAN JAM IN ACTION
Before your lunch begins, FortWhyte Alive staff will introduce the Challenge and provide instructions for sorting waste. A 5-litre pail will help students see first hand how much garbage heads to the landfill. After lunch, we will check-in and get your students engaged with some thinking questions that can spark future action.

DEEPER CONNECTIONS
Is this the year you explore Deeper Connections with the natural world?

Working with school educators, a FortWhyte Alive Educator develops a customized outdoor-inquiry-based learning program. This is not a one-time field trip to FortWhyte Alive. Most Deeper Connections programming happens in natural spaces both at FortWhyte and at or around your school. Teachers and students learn about the local ecology, developing a stronger sense of community.

Pricing and scheduling are adapted to fit school needs. Contact education@fortwhyte.org for more information.
FORTWHYTE ALIVE TRAVELS!

Are you looking for new and exciting ways to enhance your lesson plans? FortWhyte Alive staff are ready to travel to you! Whether you are wanting to get your students outside to take advantage of your surrounding communities, or to increase your education for sustainable development... we’re here to help.

WASTE WARRIORS

What happens to your wrapper after it goes in the trash can? We throw things in the garbage not/rarely thinking about the impact it’s having on our planet - out of sight out of mind. But our trash is adding up, we’re running out of room for our garbage and landfills are contributing to global climate change.

In this travelling program, a FortWhyte interpreter will assist your classroom in conducting a waste audit. Students will collect garbage from the school and sort through it to determine what’s in the appropriate bin as well as alternatives to single use items/some of the stuff we throw away. This program will touch on math, science, ELA, and social studies.

The 3 R’s - reduce, reuse recycle - still apply. Let’s re-inspire students to be stewards of our planet by fighting the war on waste.

Note: this program is also available en français.

Pricing and scheduling are adapted to fit client school needs. Contact education@fortwhyte.org for more information
VOLUNTEER OPPORTUNITIES AT FORTWHYTE ALIVE

Do you know a friend, colleague, or family member who...

• Wants to use their skills and experience working with children and youth?
• Is a new graduate looking for teaching experience
• Is newly retired and looking for a way to give back and stay active?
• Loves the outdoors and sharing their passion?

Each season, FortWhyte Alive recruits a team of passionate volunteers to lead students of all ages in unforgettable outdoor experiences. FortWhyte volunteers are the kind people who help kids roast their first marshmallow over an open fire, or teach them the difference between an aspen and a spruce tree. These are the moments we live for! Leading school groups is also a great way to meet people, and learn new skills – all while staying active. Training starts September 3, 2019.

Become part of our volunteer community at FortWhyte Alive, visit fortwhyte.org/volunteering or call (204) 989-8355 x 213.

N’oubliez pas que nous cherchons aussi des bénévoles bilingues pour nos programmes!

CONTACT FORTWHYTE ALIVE:
Email: schools@fortwhyte.org
Phone: (204) 989-8355
Fax: (204) 895-4700

fortwhyte.org/foreeducators