



FortWhyte Alive  
HUMAN. NATURE.

# School Programs

## Programmes Scolaires



**2023-24 PROGRAM GUIDE**  
FOR GRADES K-12

# THIS IS A CLASSROOM.

Climate anxiety is a real and valid concern facing our students today; they are sensitive to the environmental issues facing their generation. Surveys have shown almost half of students are experiencing emotions ranging from worry and sadness to fear, guilt and hopelessness.

At FortWhyte Alive, we want to help you change that narrative for your students. Climate anxiety is a sign that your students care and are compassionate about what's happening, and they can sense the vulnerability of other species, humans and the Earth itself. We cannot pretend there is no climate problem, instead, we must focus on what we *can* do about it.

Connecting students with nature is an effective way to help them overcome climate anxiety. Spending time in nature helps reduce anxiety while strengthening the bond between students and the environment they are passionate about protecting.

Through our focus on curriculum-based age-appropriate programs, FortWhyte Alive provides students with practical knowledge and tools to understand how their

actions can directly impact their local environment and community. Knowledge, hands-on experiences, and a positive message help you channel your students' climate anxiety into productive actions leading them to be better stewards of the Earth.

Climate anxiety is a natural response to a significant global challenge and it is important to recognize students' concerns and fears. Educational experiences at FortWhyte are another tool in your toolbox as educators to help in talking about climate change.

We look forward to hosting your students and showing them how we can work together to create a more sustainable future for all.



**Dana Forster**  
Director of Programs



# SPECIAL THANKS!

## UN GRAND MERCI!

Programming at FortWhyte Alive would not be possible without the generosity of contributors who make our experiential environmental, social science and outdoor adventure programs a continued success. Thank you to the following for 2023-24:

Anonymous Foundation, Cargill Limited/Cargill Incorporated, Charities Aid Foundation of Canada, CN Railway, FedEx, Honda Canada Foundation, Lafarge-Holcim, RBC Foundation, Red River Co-op, Stantec, The Wawanesa Mutual Insurance Company, The Winnipeg Foundation

### GOVERNMENT PARTNERS

City of Winnipeg Water and Waste Department, Government of Manitoba, and Natural Sciences and Engineering Research Council of Canada (NSERC) PromoScience Program

### FUNDING THE FUTURE

*Special thanks to those that donated at our annual Sunset BBQ fundraiser to help support and sponsor our field trips.*

Bryce Alston, Terry Bailey, Gary Brown, Trevor Clay, Paul & Sue Cunningham, Michelle Davidson, Rick Dobel, Linda Elliott, Richard Enright, Michael & Brenda Evans, Blake Fitzpatrick, Mary Ann Fitzpatrick, Garrett Fitzpatrick, Warde Fraser, Joy Goertzen, Tyler Gompf, Lori Graham, Marjorie Guertin, Greg & Mary Hanson, Anne Marie Healey, Janet Hewitt, Sarah Howe, Jeff Johnson, David A. Johnson, Geoff Kirbyson, Tanis Knowles-Yarnell, Jim Krovats, Tim Kurbis, Rachel Loewen, Monika MacAngus, Bobby Mackay, Shannon Magnusson, Greg Gillis & Margaret Redmond, Keith McConnell, Jim & Penny McLandress, Linda Mitchell, Tanis Ostermann, Dave & Mary-Beth Parrish, Bill Parrish, Ben Parrish, Kristie Pearson, Phalyn Powell, Liz Prall, Hartley Richardson, Sydney & Sprague Richardson, Joan Richardson, Zoe Richardson, Greg Rogers, Kristjan Sackney, Carolyn Sifton Foundation, Norman Snyder, Brian Thiessen, Justin & Christina Thorsteinson, Melanie Tooley, Chris Van Bastelacre, Brad Vannan, Delaney Vun & Bhavesh Mistry, Kelly Wallace, Heather Williams, Maureen Wilson Penner, Val Wowryk

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### QUESTIONS? GET IN TOUCH:

Email: [schools@fortwhyte.org](mailto:schools@fortwhyte.org)  
Phone: (204) 989-8355, ext. 228

[fortwhyte.org/educators](https://fortwhyte.org/educators)

## HOW TO BOOK

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**Visit us at [fortwhyte.org/school-programs](https://fortwhyte.org/school-programs) 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

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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

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**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

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**NEW:** We have moved to an **INVOICE ONLY** system for payment for programs. We will invoice you after the program for the number of students who attended the day of. Please be ready to provide the final attendance number to our reception desk on arrival. We will not take cheques, cards or cash payments at the desk for pre-booked programs.

To allow us time to book fall programs all winter & spring bookings will be processed after October 10, 2023.

**Minimum fees:** All of our programs have a minimum number of students required to run the program. If your group is smaller than that number a minimum fee will apply. The fees are outlined under each program description.







**GUIDED PROGRAMS** PROGRAMMES GUIDÉES



## LITTLE EXTRAS

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

**SNOWSHOES** **\$5 / PAIR**

**FIRE PIT RENTAL** **\$17**



## 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 survive throughout Manitoba's long, frozen season.

**Dates:** September 20 – December 8

**Fee:** \$7.50/student

**Minimum:** 15 students or \$112.50

**Maximum:** 60 students

**Length:** 1.5 hours

**SLO:** 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 17 – June 21

**Fee:** \$7.50/student

**Minimum:** 15 students or \$112.50

**Maximum:** 60 students

**Length:** 1.5 hours

**SLO:** 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:** 20 septembre au 8 décembre

**Frais:** 7,50\$/élève

**Minimum:** 15 élèves ou 112,50\$

**Maximum:** 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

Les journées plus longues sont synonymes d'une nature plus vivante! Les sons et les odeurs du printemps sont partout autour de nous, si nous savons les trouver. Cherchez les signes de la saison en observant la sortie des feuilles, en repérant les nids d'oiseaux et en attrapant des créatures dans avec un filet dans le marais.

**Dates:** 17 avril au 21 juin

**Frais:** 7,50 \$/élève

**Minimum:** 15 élèves ou 112,50\$

**Maximum:** 40 élèves

**Durée:** 1.5 heures

**RAS:** M-1-02, 03, 07 / 1-1-07, 10, 14 / 1-4-09, 16

## 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 20 – December 8

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 60 students

**Length:** 2 hours

**SLO:** 2-1-09, 10, 12, 16 / 3-1-03, 08, 13 / 3-4-02, 09, 12

### 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, looking for worms and mixing up soil on a working farm will give you a fresh look at where food comes from.

**Dates:** May 1 – June 21

*(Mondays, Wednesdays, and Fridays only)*

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 45 students

**Length:** 2 hours

**SLO:** 2-1-04, 07 / 3-1-01, 02 /  
2-KE-036 / 3-KG-031

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### 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 17 – June 21

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 60 students

**Length:** 2 hours

**SLO:** 2-1-08, 09, 14, 15 / 3-1-07, 13, 14

## 2e et 3 année

### AUTOMNE: LA VIE DANS LES PLAINES

Les prairies d'Amérique du Nord regorgent de vie - venez découvrir leurs merveilles, des bisons aux papillons aux rochers. Créez un profil de la terre, identifiez quels insectes vivent dans les herbes hautes et recueillez des graines sauvages pour les faire pousser à votre école.

**Dates:** 20 septembre au 8 décembre

**Frais:** 8,50\$/élève

**Minimum:** 15 élèves ou 127,50\$

**Maximum:** 40 élèves

**Durée:** 2 heures

**RAS:** 2-1-12, 16 / 3-1-03, 08, 13 / 3-4-02, 09, 12

### PRINTEMPS:

#### DE LA TERRE À LA TABLE – VISITE À LA FERME

Vos aliments préférés ont des histoires à raconter. Certains ont voyagé de très loin pour arriver jusqu'à votre assiette, tandis que d'autres ont peut-être poussé dans votre propre jardin. Cultiver plus de fruits et de légumes près de chez soi est bon pour vous et pour la santé de notre planète ! La visite d'une serre, la recherche de vers et le mélange de terre dans une ferme en activité vous donneront un nouveau regard sur l'origine des aliments.

**Dates:** 1 mai au 21 juin

*(Ce programme est seulement disponible lundi, mercredi et vendredi.)*

**Frais:** 8,50\$/élève

**Minimum:** 15 élèves ou 127,50\$

**Maximum:** 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

PROGRAM SPONSOR



### PRINTEMPS: CANARDS ET QUENOUILLES

Les zones humides prennent vie lorsque vous découvrez les plantes qui les composent et les animaux qui y vivent. Découvrez quelles créatures commencent leur vie dans l'eau et quels sont les changements qu'elles subissent en grandissant. Apprenez comment les zones humides nettoient l'eau et observez de plus près certaines créatures sous-marines en les attrapant avec un filet.

**Dates:** 17 avril au 21 juin

**Frais:** 8,50\$/élève

**Minimum:** 15 élèves ou 127,50\$

**Maximum:** 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 20 – December 8, April 17 – June 21

Fee: \$8,50/student

Minimum: 15 students or \$127.50

Maximum: 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 20 – December 8, April 17 – June 21

Fee: \$8.50/student

Minimum: 15 students or \$127.50

Maximum: 60 students

Length: 2 hours

SLO: 5-4-01, 02, 06, 07, 09, 13, 14 16, 18

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## Grades 4 & 5

### WINTER: DUE NORTH – THE CHANGING ARCTIC

Journey northward by snowshoe to a world of wonder and change. At our on-site 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, Tuesday and Wednesday only)

Fee: \$12/student

Minimum: 15 students or \$180

Maximum: 45 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

## 4e année

### AUTOMNE/PRINTEMPS: L'ADAPTATION AVANT TOUT

La nature peut sembler merveilleuse, surprenante et étrange, grâce aux adaptations incroyables développées par les différentes espèces pour survivre! Vous apprendrez comment les plantes et les animaux qui nous entourent utilisent des adaptations physiques et comportementales pour trouver de la nourriture, un abri, de l'eau, de l'air et de l'espace, et comment vous pouvez contribuer à fournir un habitat à des créatures de toutes sortes.

Dates: 20 septembre au 8 décembre, 17 avril au 21 juin

Frais: 8,50\$/élève

Minimum: 15 élèves ou 127,50\$

Maximum: 40 élèves

Durée: 2 heures

RAS: 4-1-01, 02, 03, 04, 07, 09, 15

## 5e année

### AUTOMNE/PRINTEMPS: RÉCHAPPEZ AUX CHANGEMENTS CLIMATIQUES

Malgré le temps, il faut toujours lui faire face! Apprenez la différence entre le temps et le climat, et utilisez des instruments météorologiques pour établir des prévisions, tout en découvrant comment le temps et le climat affectent notre environnement.

Dates: 20 septembre au 8 décembre, 17 avril au 21 juin

Frais: 8,50\$/élève

Minimum: 15 élèves ou 127,50\$

Maximum: 40 élèves

Durée: 2 heures

RAS: 5-4-01, 02, 06, 07, 09, 13, 14 16, 18

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## 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: May 1 – June 21

Fee: \$8.50/student

Minimum: 15 students or \$127.50

Maximum: 60 students

Length: 2 hours

SLO: 6-1-03, 06, 08, 09, 11, 12



## Grades 1, 2 & 3

### FALL/SPRING: LIVING COMMUNITY

Discover the common needs that animals, plants and humans share in our environment: food, water, air, shelter and space. Learn ways that human communities have changed how we meet our needs from the past to the present. Visit a tipi and appreciate the special relationship of respect that Indigenous peoples have with the bison and the land. How can we respect one another and our environment in our community today?

Dates: September 20 – December 8, April 17 – June 21

Fee: \$8.50/student

Minimum: 15 students or \$127.50

Maximum: 45 students

Length: 2 hours

SLO: 1-1-07, -10, 2-1-17, 2-4-11, 3-1-14, 16, 4-1-02, 03, KI-004, VL-007A, KE-027, KL-016, 3-KC-005, 3-KI-010, 4-KL-024, 4-KI-007, 4-KH-034, -035

## 4e, 5e et 6e

### AUTOMNE/PRINTEMPS: PEUPLES DES PRAIRIES

Suivez les traces de milliers d'années d'histoire, en apprenant l'histoire des peuples locaux des prairies de ce que nous appelons aujourd'hui le Manitoba. Découvrez les modes de vie passés des Premières nations, des Métis et des colons européens. Entrez dans un tipi et une hutte de terre, touchez une charrette de la rivière Rouge et essayez de lancer un atlatl, une technologie ancienne utilisée pour la chasse au bison. De nombreuses cultures, une histoire commune et les plantes et animaux uniques des prairies influencent notre vie aujourd'hui.

Dates: 20 septembre au 8 décembre, 17 avril au 21 juin

Frais: 8,50\$/élève

Minimum: 15 élèves ou 127,50\$

Maximum: 40 élèves

Durée: 2 heures

RAS: 4-CI-010, 011, 4-CT-026, 4-CH-035 / 4-1-14 / 5-CT-017; 5-CE-050, 051 / 6-CI-011

## 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 life in maintaining diversity in the boreal forest, and how diversity keeps ecosystems strong.

Dates: September 20 – November 8

Fee: \$8.50/student

Min: 15 students or \$127.50

Max: 60 students

Length: 2 hours

SLO: 6-1-01, 04, 08, 09 / 7-1-01, 02, 03, 05, 12

## Grades 4, 5 & 6

### FALL/SPRING: PEOPLE OF THE PRAIRIES

Follow in thousands of years of footsteps, learning the history of peoples local to the prairie lands in what we now call Manitoba. Discover the past ways of life of First Nations, Métis and European settlers. Step inside a tipi and a sod house, touch a Red River Cart, and experience throwing an atlatl, an ancient technology used in bison hunting long ago. Many cultures, a shared history and the unique plants and animals of the prairies all influence our lives today.

Dates: September 20 – December 8, April 17 – June 21

Fee: \$8.50/student

Minimum: 15 students or \$127.50

Maximum: 60 students

Length: 2 hours

SLO: 4-KI-010, 011, 4-KL-026, 4-KH-035 / 4-1-14 / 5-KL-017; 5-KE-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 fascinating chapter. Canoeing is weather dependent. Voyageur games are a replacement activity when weather is unsafe.

Dates: May 1 – June 21

Fee: \$9/student

Minimum: 10 students or \$90

Maximum: 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-KE-051 / 6-VI-007A, 007F / 7-KL-028, 029 / 8-KI-021, 8-KG-044

## Grade 7

### SPRING: EVER-CHANGING ECOLOGY

Nature's only constant is change. Discover how life 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 17 – June 21

Fee: \$8.50/student

Minimum: 15 students or \$127.50

Maximum: 60 students

Length: 2 hours

SLO: 7-1-01, 02, 03, 04, 05, 06, 12

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 **Stantec**

## Grades 6, 7 & 8

### NEW FALL/SPRING: OUR CHANGING CLIMATE

Climate change is affecting our planet, but what do the changes look like closer to home? Learn about shifting conditions on the prairies by investigating different ecosystems at FortWhyte. Measure temperatures to discover hot spots, and collect water quality data from our lakes. Students will leave with an understanding of the impacts, actions and adaptations to climate change.

**BONUS:** A 45-minute classroom presentation from *Climate Change Connection* is included **FREE** of charge in combination with this program. The presentation will take place at your school post-program.

**Dates:** September 20 – November 8, April 17 – June 21

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 45 students

**Length:** 2 hours

**SLO:** 6-1-08, 6-3-16, 18, 7-1-05, 06, 07, 09, 7-2-23, 8-4-11, 12, 13, 17, 18

## 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 17 – June 21

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 60 students

**Length:** 2 hours

**SLO:** 7-2-18, 23, 7-4-04 / 8-4-01, 02, 06, 07, 14, 15, 17

PROGRAM  
SPONSOR



## SLOW THE FLOW PROGRAM

To connect with us about the Slow the Flow Program, contact [slowtheflow@fortwhyte.org](mailto:slowtheflow@fortwhyte.org)

### SLOW THE FLOW ECOL'EAU

This free local teaching 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.*



PROGRAM  
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## Grades 7, 8 & 9

### WINTER: ARCTIC EXPERIENCE

Follow snowshoe trails across a frozen lake to our Field Station, and unleash your inner Arctic researcher as you discover the importance of cold climates to Arctic ecosystems and Inuit communities, and how climate change is threatening this region. Participate in hands-on investigations and group activities, and discuss how local actions can help reduce greenhouse gas emissions.

**Dates:** January 10 – March 12 (Monday – Wednesday only)

**Fee:** \$12/student

**Minimum:** 15 students or \$180

**Maximum:** 45 students

**Length:** 4.5 hours

**SLO:** 7-0-5, 7-1-01, 11, 7-2-03, 23 / 8-0-5, 8-3-06, 09 / 7-KC-002, 7-KL-026, 027, 029, 7-VE-017 / 8-VI-004 / 9-KE-052, 9-KI-017, 018A, 9-VI-004, 005A, 9-VL-006, 007, 9-VE-017

## 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 20 – November 8

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 30 students

**Length:** 2 hours

**SLO:** 8-4-01, 02, 11, 17, 18 / S1-2-10, 13

PROGRAM  
SPONSOR



## THE LEAK DETECTOR CHALLENGE! LE DÉFI DE DÉTECTION DE FUITES!

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





## Grades 4–12

### FALL/SPRING: PREDATOR & PREY

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Go wild and play the active forest 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 20 – December 8, April 17 – June 21

**Fee:** \$8.50/student

**Minimum:** 15 students or \$127.50

**Maximum:** 60 students

**Length:** 2 hours

**SLO:** 4-1-01, 03, 09, 10, 11, 13, 14, 15 / 7-1-05, 06, 09, 10, 11 /

S2-1-03, 04, 05, 07, 10 / B12-3-04, 05, B12-5-01, 02

## Grades 5–12

### FALL/SPRING: BLAZING YOUR TRAIL

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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 20 – December 8, April 17 – June 21

**Fee:** \$9/student

**Minimum:** 15 students or \$135

**Maximum:** 60 students

**Length:** 2 hours

**SLO:** 5-, 6-, 7-, 8-S-100, 200, 203, 206, 207A, 208 /

9-, S2-S-100, -200, -202, -204

PROGRAM  
SPONSOR



## PROFESSIONAL DEVELOPMENT

### OUTDOOR EDUCATOR: GET OUT AND TEACH

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Build your confidence in the outdoor teaching environment as an educator and a school community. From a 90 minute presentation including hands-on examples, teaching ideas and local knowledge, to a custom half-day or full-day program outside at your school or at FortWhyte Alive, let us help you move your teaching outside the classroom.

*Consultation service fees vary depending on request.*

*For more information, visit [fortwhyte.org/professional-development](https://fortwhyte.org/professional-development) or contact [programs@fortwhyte.org](mailto:programs@fortwhyte.org).*

## 4e–12e

### AUTOMNE/PRINTEMPS: PRÉDATEUR ET PROIE

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Mettez-vous dans la peau d'un animal sauvage et jouez au jeu actif de la survie! Échapper aux prédateurs, chasser les proies et rechercher les éléments essentiels que sont la nourriture, l'eau, les abris, l'air et l'espace. Évitez les dangers environnementaux et cachez-vous des humains en courant dans les bois. Ce jeu vous fera réfléchir aux difficultés auxquelles les espèces sont confrontées et à l'importance de la protection des habitats.

**Dates:** 20 septembre au 8 décembre, 17 avril au 21 juin

**Frais:** 8,50\$/élève

**Minimum:** 15 élèves ou 127,50\$

**Maximum:** 60 élèves

**Durée:** 2 heures

**RAS:** 4-1-01, 03, 09, 10, 11, 13, 14, 15 / 7-1-05, 06, 09, 10, 11 /

S2-1-03, 04, 05, 07, 10 / B12-3-04, 05, B12-5-01, 02

### FALL/SPRING: WILDERNESS SURVIVAL

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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 20 – December 8, April 17 – June 21

**Fee:** \$9/student

**Minimum:** 15 students or \$135

**Maximum:** 60 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, S2-2-05 / 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

## CUSTOM PROGRAMMING

### DEEPER CONNECTIONS

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Deeper Connections is our custom outdoor inquiry-based learning program stream. A FortWhyte Alive educator will work closely with you and your students for an extended period of your learning year, at FortWhyte or at your school, to support your teaching goals and facilitate learning about the local environment and community.

Pricing and scheduling are adapted to fit school needs.

*To inquire, contact [programs@fortwhyte.org](mailto:programs@fortwhyte.org)*

## Grades 4 – 6

### LATE FALL: FUR TRADE CHALLENGE

What is a *hivernant*? 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 1 – December 8

**Fee:** \$9/student

**Minimum:** 15 students or \$135

**Maximum:** 60 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 1 – December 8

**Fee:** \$9/student

**Minimum:** 15 students or \$135

**Maximum:** 60 students

**Length:** 2 hours

## CLASSROOM RESOURCES

### A FIELD TRIP DOESN'T STAND ALONE

A FortWhyte field trip does not stand alone – it is enhanced by your hard work in the classroom both before and after the trip.

Use our classroom teaching resources to inspire and support you in activities following our seasonal themes, or access specific field trip enhancement resources produced to support learning connected with each of our School Programs.

*Find our resources at [fortwhyte.org/classroom-resources](http://fortwhyte.org/classroom-resources)*

## VIRTUAL PROGRAM OPTIONS

### GRADES K – 12

If a trip to FortWhyte Alive is not accessible for your school, we can connect with you virtually to provide short, engaging curriculum-linked presentations related to local wildlife, ecosystems, weather and more.

*Please contact [schools@fortwhyte.org](mailto:schools@fortwhyte.org) for options and pricing.*

## 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 Arctic or Voyageur Games.

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

### Nursery, K & Grade 1

#### FROSTY FROLICS

This half-day program is a perfect fit for little ones with little legs. Includes a nature hike, tobogganing, indoor scavenger hunt and a marshmallow roast.

**Dates:** January 10 – March 12

**Fee:** \$8.50/student

**Minimum:** 40 students or \$340

**Length:** 2 hours

### Grades 1, 2 & 3

#### WINTER CARNIVAL DAY

Includes a snowshoe hike, Arctic games, indoor scavenger hunt, marshmallow roast and tobogganing.

**Dates:** January 10 – March 12

**Fee:** \$12/student

**Minimum:** 40 students or \$480

**Maximum:** 100 students

**Length:** 4 hours

### Grades 4, 5 & 6

#### VIVE LE VOYAGEUR

Includes a snowshoe hike, Voyageur games, snow taffy, tobogganing, and fur trading activity.

**Dates:** January 10 – March 12

**Fee:** \$12/student

**Minimum:** 40 students or \$480

**Maximum:** 100 students

**Length:** 4 hours

### Grades 6–12

#### OUTDOOR SKILLS

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

**Dates:** January 10 – March 12

**Fee:** \$12/student

**Minimum:** 40 students or \$480

**Maximum:** 100 students

**Length:** 4 hours

### Grades 1–12

#### WELCOME TO WINTER FOR NEW CANADIANS

This special program is geared towards students who are spending their first winter on two in Canada. We will dress for the weather; using our library of winter clothes as needed. Includes a snowshoe hike to a tipi, Arctic games, roasting marshmallows (Gr. 1–4) or bannock (Gr. 5–12) on a fire, tobogganing and an indoor scavenger hunt.

**Dates:** January 10 – March 12

**Fee:** \$12/student

**Minimum:** 40 students or \$480

**Maximum:** 60 students

**Length:** 4 hours

#### PROGRAM SPONSOR







## GUIDED HIGH SCHOOL PROGRAMS

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### Grade 10

#### FALL/SPRING: LIFE SUPPORT

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Our unique planet supports all life, including our own. Gather information about plant and animal diversity, and discuss ways that human activity can have an impact on ecosystems. Take measurements in a stand of trees to calculate the amount of wood that could be harvested, considering the value of the forest from environmental, social and economic perspectives.

Dates: September 20 – November 8, April 17 – June 21

Fee: \$9/student

Minimum: 15 students or \$135

Maximum: 30 students

Length: 2 hours

SLO: S2-1-07, -08, -09, -10

### Grade 12

#### FALL/SPRING: RIPARIAN HEALTH ASSESSMENT

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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 20 – November 8, April 17 – June 21

Fee: \$9/student

Minimum: 15 students or \$135

Maximum: 30 students

Length: 2 hours

SLO: B12-5-01, -02, -03, -04, Culminating Task

## HIGH SCHOOL À LA CARTE

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Looking for a way to tie high school science concepts to real-life experiences in an outdoor setting? Pick from the below one-hour environmental science activities in any season. For custom requests outside of the options below, please contact [education@fortwhyte.org](mailto:education@fortwhyte.org).

### Grades 9–12

#### FALL/SPRING

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**Forest Plant Survey** – Measure out a study site and identify trees, shrubs and 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** – Take a guided hike to discover how Manitoba's wildlife species adapted to our local environment.

**Soil Chemistry** – Compare soil from different samples by completing an assessment of its physical and chemical properties.

#### WINTER

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**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 read animal tracks and discover some adaptations of winter animals.

Dates: September 20 – December 8, January 10 – March 12,  
April 17 – June 21

Fee: \$6/student\*

Minimum: 10 students or \$60

Maximum: 30 students

Length: 1 hour

SLO: S2-1-07, -08, -09, -10

*\* Book 2 consecutive programs for \$9.50/student*





## Grades 7–12

### SPECIALTY SCIENCE DAYS – FREE!

Get in on a fantastic science experience by registering your students for theme learning experiences led by experts in areas important to our environment such as clean water, healthy soil and climate change. Join us for Freshwater Day, Arctic Science Day and Agri-Ecosystems Day each year.

Register and learn more at [fortwhyte.org/specialty-science-days](http://fortwhyte.org/specialty-science-days)

#### PROGRAM SPONSORS



### RIVERWATCH WATER MONITORING

Riverwatch will develop science skills and increase understanding of local water quality issues. FortWhyte Alive will choose a safe and accessible water sampling site near your school and meet you at the site to test water quality. Students will collect samples, measure water transparency, complete chemistry tests and investigate aquatic invertebrates (if accessible).

**Grades 7 & 8:** Tablet chemical reagents

Fee: \$150 or book 2 programs for \$200 on the same date

Maximum: 25 students

Length: 1 hour

**Grades 9–12:** Liquid chemical reagents

Fee: \$200 or book 2 programs for \$350 on the same date

Maximum: 25 students

Length: 2 hours

**Dates:** September 20 – November 8,  
May 1 – June 21

**SLO:** 7-1-01, 05, 8-2-10, 8-4-02, 07, 08,  
11, 13, 16, 17, 18, B12-5-01, -02,  
-03, -04, Culminating Task

PROGRAM  
SPONSOR







## WATER-BASED PROGRAMS GRADES 5-12

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FortWhyte's small, sheltered lakes provide the perfect setting for teaching basic skills in canoeing and kayaking. 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.

### CANOE & KAYAK SAMPLER

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

Dates: May 1 – June 21

Fee: \$20/student (minimum program fee \$240)

Group size: 12-24 students

Length: 2.5 hours

### INTRODUCTION TO CANOEING

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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 1 – June 21

Fee: \$20/student (minimum program fee \$240)

Group size: 12-24 students

Length: 2 hours

### INTRODUCTION TO KAYAKING

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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 1 – June 21

Fee: \$20/student (minimum program fee \$200)

Group size: 10-16 students

Length: 2 hours

#### 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.*





## SELF-GUIDED PROGRAMS PROGRAMMES AUTO-INTERPRÉTÉS

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 Alive. All programs include links to the Manitoba curriculum.

### We provide:

- A program overview and pre-program teaching resources
- Expedition kit containing booklet with recommended activities, interpretive stops and learning games
- Map of FortWhyte Alive
- All the equipment you will need for your students

### Fees:

**Half day: \$4.50 – Min: 15 students (or \$67.50) Max 45 students**  
**Full day: \$6 – Min: 15 students (or \$90) Max 45 students**  
**Combo: \$3.50 – Min: 15 students (or \$52.50) Max 60 students**

### Frais :

Demi-journée : 4,50\$ – Min : 15 élèves (ou 67,50\$) au 45 élèves  
Journée complète : 6\$ – 15 élèves (ou 89\$) au 45 élèves  
Combiné avec un programme guidé :  
3,50\$ – 15 élèves (ou 52,50\$) au 60 élèves.



## FALL & SPRING SELF-GUIDED PROGRAMS / PROGRAMMES AUTO-INTERPRÉTÉS

SEPTEMBER 20 – DECEMBER 8, APRIL 17 – JUNE 21 / 20 SEPTEMBRE – 8 DÉCEMBRE, 17 AVRIL – 21 JUIN

### Nursery

#### ANIMAL TALES

Explore nature using all of your senses. Discover the wonders of deer and geese.

### K & Grade 1

#### FOREST FRIENDS

The forest is a wonderful place! Trees meet the needs of people and wildlife; learn how trees grow and change through the seasons.

### Grades 2 & 3

#### PRAIRIE PATHFINDERS

A prairie is more than just grass. Discover the plants and animals of the grassland, including spotting the FortWhyte bison herd.

### Grades 2 & 3

#### WETLAND EXPLORERS

Wetlands are special places filled with shallow water, where turtles, ducks and frogs make their home. Use dipnet to discover pond life beneath the duckweed.

### Grades 4 & 5

#### WALK ON THE WILD SIDE

Discover the adaptations of animals and plants in their habitats. Visit the forest to spot birds and squirrels. Explore the underwater world of the wetland with dipnets.

### Grades 1–6

#### OUR PRAIRIE PAST

Step back in time to when the bison roamed the prairies! Experience the connection between the people of Manitoba's past and our prairie ecosystem. Visit the sod house, tipi, and bison herd.

### Grades 6–9

#### LIVING LINKS

Investigate biotic and abiotic components of our local ecosystem. Using the Ecology Journal, students will investigate the relationships between humans, other animals, plants, and the environment.

### Grades 5–12

#### SUPER SELF-GUIDED ORIENTEERING

Discover the thrill of exploring through orienteering. A pre-visit resource and an on-site introduction by a FortWhyte Alive staff will prepare you and your students to navigate our course.

### Maternelle et 1ère année

#### LES AMIS DES BOIS

La forêt est un endroit merveilleux ! Les arbres répondent aux besoins des gens et de la faune ; apprenez comment les arbres poussent et changent au fil des saisons.

### 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 adaptations des animaux et des plantes dans leurs habitats. Visitez la forêt pour observer les oiseaux et les écureuils. Explorez le monde sous-marin de la zone humide à l'aide des filets

### 1ère à la 6e année

#### NOTRE PASSÉ DANS LES PRAIRIES

Reculer dans le temps jusqu'à l'époque où les bisons parcouraient les Prairies! Découvrez la relation entre les peuples manitobains d'autrefois et notre écosystème des prairies. Visitez l'hutte de terre, les tipis et les bisons.

### 5e à 12e

#### SUPER COURSE D'ORIENTATION

Découvrez le plaisir de l'exploration grâce à la course d'orientation. Une documentation préalable à la visite et une introduction sur place par un membre du personnel de FortWhyte Alive vous prépareront, vous et vos élèves, à naviguer sur notre parcours.



## WINTER SELF-GUIDED PROGRAMS

JANUARY 10 – MARCH 12

### K & Grade 1

#### WELCOMING WINTER

Winter for us means toques and scarves. But what does it mean for the plants and animals? This program highlights winter adaptations in nature and covers the effect of snow on Manitoba habitats.

### Grades 2 - 4

#### CANADIAN SNOWFLAKE INVESTIGATION

Delve into the frozen world as you compare and contrast the properties of snow and ice. Take a closer look at snowflakes from different layers of a drift and learn about their fascinating formations.

## 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. To help us reach our goals, 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. Contact [education@fortwhyte.org](mailto:education@fortwhyte.org) for waste reduction activity ideas and ways to prepare your students for a garbage-less 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 firsthand 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.





# VOLUNTEER OPPORTUNITIES AT FORTWHYTE ALIVE

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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 of 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.

Become part of our volunteer community at FortWhyte Alive.

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

VOLUNTEER PROGRAM  
SPONSORED BY

VOLUNTEER WELLNESS &  
TRAINING SPONSORED BY



For more information visit [fortwhyte.org/volunteer](https://fortwhyte.org/volunteer) or call (204) 989-8355 x 213