

SCHOOL & YOUTH PROGRAMS AT-A-GLANCE

PROGRAM NAME	K	1	2	3	4	5	6	7	8	9	10	11	12	SCOUTS/CLUBS	FOUNDATIONS
Alberta Bats		•	•	•	•	•								•	•
Animal Life Cycles				•										•	
Astro Planetarium Show	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birds in Flight							•							•	
Bison Hunt				•	•	•	•	•	•	•	•	•	•	•	
Building Blocks of Rocks				•				•						•	
Camping Skills								•	•	•	•	•	•	•	
Cellular Survivor Planetarium Show									•	•	•				
Colour Capers	•	•													
Creeping, Crawling, Flying			•												
The Crossing Community			•												
CSI: Comprehensive Solar Investigation							•			•				•	
Eco-Trivia Party	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

PROGRAM NAME	K	1	2	3	4	5	6	7	8	9	10	11	12	SCOUTS/CLUBS	FOUNDATIONS
Edible Plant Walk						•	•	•	•	•	•	•	•	•	
Endangered Species & Conservation							•	•	•	•	•	•	•	•	
Historical Discovery Walk						•	•	•	•	•	•	•	•	•	
Home Wasn't Built in a Day				•										•	
It's Not Easy Being Green					•										
Keys to the Trees							•	•							
Life at the Crossing	•	•													
Lost in the Woods	•	•	•	•	•									•	
Music Discovery Walk	•	•	•											•	
Naturalist 101	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Nature Discovery Walk	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NatureSchool						•									
Of Two Peoples						•									
Pond Study				•	•	•	•	•	•	•	•	•	•	•	•
Pondless Pond Study				•	•	•	•	•	•	•	•	•	•	•	•
The Quest for the Best Water Test									•						

PROGRAM NAME	K	1	2	3	4	5	6	7	8	9	10	11	12	SCOUTS/CLUBS	FOUNDATIONS
The Scoop on Scopes					•	•	•	•	•	•					
Skills to Survive						•	•	•	•	•	•	•	•	•	
Sleepover	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Snowshoe Adventure	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Starry Starry Night							•	•	•	•	•	•	•	•	
Tracks & Scats							•							•	
The Ugly Spudling: A Tater Story	•	•	•	•											
The Ultimate Matchup: Weather vs Climate						•									
Whooo... Knows Owls?				•	•	•	•	•	•	•	•	•	•	•	•
Wild Things in Spring	•	•													
Winter Wilds	•	•	•											•	•

Foundations teachers, more information on how we bring our unique, nature-based, hands-on programming to your students is [available online](#).

ALBERTA BATS

<p>Where: Kerry Wood Nature Centre, at your site, or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 1 Science Unit E Needs of Animals and Plants • Grade 3 Science Unit D Hearing and Sound • Science
<p>When: Year-round</p>	
<p>Duration: 1 hour</p>	
<p>Cost: \$125 (1–100 students, virtual program) \$125 (1–35 students, in-person program)</p>	
<p>Indoor/Outdoor: In-person programs are inside and outside (please dress for the weather and wear proper footwear), virtual programs are entirely inside</p>	
<p>Description: Are these creatures of the night creepy or cuddly? Explore the fascinating world of the bats living right in our backyard.</p>	

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ANIMAL LIFE CYCLES

Where: Kerry Wood Nature Centre	Curriculum Connection: <ul style="list-style-type: none">• Grade 3 Science Unit E Animal Life Cycles
When: March–October	
Duration: 1.5 hours	
Cost: \$140 (1–35 students)	
Indoor/Outdoor: Inside and outside, please dress for the weather and wear proper footwear	
Description: Introduce your students to animal life cycles. Observe and draw several animals' life cycles, then head outside to learn how different ways of life are affected by the animals' environment.	

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ASTRO PLANETARIUM SHOW

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none"> • Grade 1 Science Unit B Seasonal Changes • Grade 6 Science Unit C Sky Science • Grade 9 Science Unit E Space Exploration • Science • Physics • English Language Arts • Social Studies
When: Year-round	
Duration: 1–1.5 hours	
Cost: \$140 (1–25 students, 1 hour program) \$155 (1–25 students, 1.5 hour program)	
Indoor/Outdoor: Entirely inside	
<p>Description: Explore the night sky during daylight hours with our mobile planetarium. Younger kids will learn to recognize that stars come in different colours and that the patterns in the stars are called constellations. Older students will experience a more in-depth exploration of the motion of the night sky and our place within the Universe. All ages can enjoy listening to the myths behind the constellations.</p> <p><i>Planetarium shows are not available at this time due to COVID-19 safety measures.</i></p>	

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BIRDS IN FLIGHT

Where: Kerry Wood Nature Centre, at your site, or virtually via Zoom	Curriculum Connection: <ul style="list-style-type: none">• Grade 6 Science Unit A Air and Aerodynamics• Grade 6 Science Unit B Flight
When: Year-round	
Duration: 1.5 hours	
Cost: \$140 (1–100 students, virtual program) \$140 (1–35 students, in-person program)	
Indoor/Outdoor: Entirely inside	
Description: Your students have learned about the basics of airplanes in class, but where did humans get the idea to use wings for flight? Birds! Learn how different wing shapes in the animal kingdom have inspired humans to design specialized airplanes. Put students' knowledge to the test with a paper airplane design contest (best if this part of the program can be moved to an indoor open space such as a gymnasium).	

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BISON HUNT

Where: Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none">• Aboriginal Studies• Grade 4 Social Studies Unit 4.2 The Stories, Histories and Peoples of Alberta• Grade 5 Social Studies Unit 5.2 Histories and Stories of Ways of Life in Canada
When: May–October	
Duration: 1.5 hours	
Cost: \$140 (1–35 students) \$280 (36–70 students)	
Indoor/Outdoor: Mostly outside, please dress for the weather and wear proper footwear	
Description: In this entertaining and informative re-enactment of a pre-contact Blackfoot bison hunt, students play the roles of both hunters and animals. Beef jerky for the whole class is available for \$15 extra.	

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BUILDING BLOCKS OF ROCKS

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none">• Grade 3 Science Unit A Rocks and Minerals• Grade 7 Science Unit E Planet Earth
When: Year-round	
Duration: 1.5 hours	
Cost: \$140 (1–35 students)	
Indoor/Outdoor: Entirely inside	
Description: Jump into geology with our hands-on introduction to minerals and rocks. Review key concepts from the rock cycle, then scientifically observe and analyze the similarities and differences between minerals with our class-size set of samples.	

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CAMPING SKILLS

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none"> • Physical Education • Environmental and Outdoor Education • Leadership Development
When: Year-round	
Duration: 1.5 hours	
Cost: \$140 (1–35 students)	
Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear	
Description: Select your site, set up a tent, build a fire, keep the bears at bay... all of these are important skills for campers. Spend a couple of hours with us and we'll cover the basics of safe camping.	

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CELLULAR SURVIVOR PLANETARIUM SHOW

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none">• Grade 8 Science Unit B Cells and Systems• Science 10 Unit C Cycling of Matter in Living Systems• Science 14 Unit C Investigating Matter and Energy in Living Systems• Biology
When: Year-round	
Duration: 1.5 hours	
Cost: \$155 (1–25 students)	
Indoor/Outdoor: Entirely inside	
Description: Step inside a biological cell with our unique, biology-themed planetarium show. After reviewing (or previewing) students' classroom knowledge of cells and organelles, we'll challenge your students in a fast-paced game of cellular survivor. Will your team's organelle adapt or atrophy? <i>Planetarium shows are not available at this time due to COVID-19 safety measures.</i>	

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COLOUR CAPERS

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, or at your site</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Kindergarten Environment and Community Awareness • Grade 1 Science Unit A Creating Colour • Grade 1 Science Unit B Seasonal Changes • Grade 1 Science Unit D Senses
<p>When: August–October</p>	
<p>Duration: 1 hour</p>	
<p>Cost: \$125 (1–35 students) \$250 (36–70 students)</p>	
<p>Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear</p>	
<p>Description: Join us for a multi-sensory exploration of autumn colours in nature.</p>	

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CREEPING, CRAWLING, FLYING

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, at your site, or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 2 Science Unit E Small Crawling and Flying Animals
<p>When: April–September</p>	
<p>Duration: 1.5 hours</p>	
<p>Cost: \$140 (1–100 students, virtual program) \$140 (1–35 students, in-person program) \$280 (36–70 students, in-person program) \$420 (71–100 students, in-person program)</p>	
<p>Indoor/Outdoor: Inside and outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear</p>	
<p>Description: Uncover the incredible world of invertebrates by learning about the unique adaptations of insects, spiders, and worms. Get your hands dirty with an outdoor invertebrate hunt.</p>	

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THE CROSSING COMMUNITY

Where: Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none">• Grade 2 Social Studies Unit 2.2 A Community in the Past• Aboriginal Studies
When: May–October	
Duration: 1.5 hours	
Cost: \$140 (1–35 students) \$280 (36–70 students) \$420 (71–100 students)	
Indoor/Outdoor: Mostly outside, please dress for the weather and wear proper footwear	
Description: Compare and contrast the similarities and differences between our past and present communities through stories and settler-themed, hands-on activities.	

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CSI: COMPREHENSIVE SOLAR INVESTIGATION

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none">• Grade 6 Science Unit C Sky Science• Grade 6 Science Unit D Evidence and Investigation• Grade 9 Science Unit E Space Exploration• Science• Physics
When: Year-round	
Duration: 1 hour	
Cost: \$125 (1-35 students)	
Indoor/Outdoor: Inside and outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear	
Description: Expand your knowledge of our solar system with this interactive program for scientists-in-the-making. Activities will vary according to grade level and weather. Weather permitting, safely look at the Sun through our 12-inch telescope equipped with a solar filter. Hone your scientific observation skills while learning about solar phenomena.	

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ECO-TRIVIA PARTY

<p>Where: Kerry Wood Nature Centre, at your site, or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Science • Social Studies • Environmental and Outdoor Education • Leadership Development
<p>When: Year-round</p>	
<p>Duration: 1 hour</p>	
<p>Cost: Free</p>	
<p>Indoor/Outdoor: Can be adapted to either entirely inside or entirely outside</p>	
<p>Description: As Green Deer’s newest education and outreach initiative, this fun and interactive program is designed to work in any indoor, outdoor, or virtual classroom. A gameshow activity gets your class learning about and engaging with relevant environmental concerns in an age-appropriate manner. At the end of the program, each participant commits to a personal change that will have a positive environmental impact. After the Eco-Trivia Party, groups are highly encouraged to participate in a Green Deer litter cleanup (supplies provided as needed).</p> <p>Click here for more information on Green Deer.</p> <p>Click here to request a free Eco-Trivia Party.</p> <p>Teachers, please note: if you want your class to do a Green Deer litter cleanup, but do not want to participate in an Eco-Trivia Party, please register your class through the Green Deer website during the annual Spring Cleanup Campaign (March 21–May 31).</p>	

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EDIBLE PLANT WALK

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, or at your site</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Science • Social Studies • Physical Education
<p>When: May–October</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–35 students, 1 hour program) \$140 (1–35 students, 1.5 hour program) \$250 (36–70 students, 1 hour program) \$280 (36–70 students, 1.5 hour program)</p>	
<p>Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear</p>	
<p>Description: There is a world of yummy treats right on our doorstep—if you know where to look! Your class will explore the plants that wildlife use for their daily survival, as well as a few basic species that are safe for us to eat, and how to identify them. (Note: due to mimicry and the potential for harm with misidentification, information about wild mushrooms is not included in this talk.)</p>	

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ENDANGERED SPECIES & CONSERVATION

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, or at your site</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 7 Science Unit A Interactions and Ecosystems • Grade 9 Science Unit A Biological Diversity • Science 20 Unit D Changes in Living Systems • Science • Biology
<p>When: Year-round</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–35 students, 1 hour program) \$140 (1–35 students, 1.5 hour program)</p>	
<p>Indoor/Outdoor: Inside and outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear</p>	
<p>Description: Alberta is home to some animals and plants that need our help. Whether they are endangered or their habitats are threatened, the first part of saving species at risk starts with understanding them.</p>	

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HISTORICAL DISCOVERY WALK

Where: Kerry Wood Nature Centre or Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none"> • Social Studies • Aboriginal Studies • English Language Arts • Physical Education
When: Year-round	
Duration: 1–1.5 hours	
Cost: \$125 / \$140 (1–35 students, 1 / 1.5 hour program) \$250 / \$280 (36–70 students, 1 / 1.5 hour program) \$375 / \$420 (71–100 students, 1 / 1.5 hour program)	
Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear	
Description: We'll lead your students on a themed walk in the Gaetz Lakes Sanctuary or Historic Fort Normandeau. Please let us know your desired location and theme at the time of booking. Suggested themes include (but are not limited to): <ul style="list-style-type: none"> • Early settlement of Central Alberta and establishment of the Sanctuary • Stories and adventures from author Kerry Wood • Key characters and settings of Red Deer's early years 	

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HOME WASN'T BUILT IN A DAY

Where: Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none">• Grade 3 Science Unit B Building with a Variety of Materials• Grade 3 Science Unit C Testing Materials and Designs
When: May–October	
Duration: 1.5 hours	
Cost: \$140 (1–35 students) \$280 (36–70 students) \$420 (71–100 students)	
Indoor/Outdoor: Mostly outside or in a building with no heat, please dress for the weather and wear proper footwear	
Description: Explore the differences between First Nations and European Settler lifestyles, and discover how these lifestyles affected the types of shelters used by each group. Test your skills in a shelter building activity to see who can withstand the “storm.”	

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IT'S NOT EASY BEING GREEN

Where: Kerry Wood Nature Centre or McKenzie Trails Recreation Area	Curriculum Connection: <ul style="list-style-type: none">• Grade 4 Science Unit E Plant Growth and Changes
When: April–October	
Duration: 1.5 hours	
Cost: \$140 (1–35 students) \$280 (36–70 students)	
Indoor/Outdoor: Inside and outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear	
Description: Here's your chance to learn about life as a plant. Build a plant from the roots up, explore several plant communities, and investigate pollination in the spring or seed dispersal in the fall.	

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KEYS TO THE TREES

Where: Kerry Wood Nature Centre, Fort Normandeau, or at a forested site of your choice (e.g., Maskepetoon Park)	Curriculum Connection: <ul style="list-style-type: none">• Grade 6 Science Unit E Trees and Forests• Grade 7 Science Unit B Plants for Food and Fibre
When: April–October	
Duration: 2 hours	
Cost: \$155 (1–35 students) \$310 (36–70 students)	
Indoor/Outdoor: Inside and outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear	
Description: Games and hands-on activities teach plant identification, tree growth patterns, and forest characteristics.	

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LIFE AT THE CROSSING

Where: Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none">• Kindergarten Citizenship and Identity• Grade 1 Social Studies Unit 1.2 Moving Forward with the Past: My Family, My History and My Community• Aboriginal Studies
When: May–October	
Duration: 1 hour	
Cost: \$125 (1–35 students) \$250 (36–70 students) \$375 (71–100 students)	
Indoor/Outdoor: Mostly outside or in a building with no heat, please dress for the weather and wear proper footwear	
Description: Discover what life was like for Red Deer’s earliest settlers with role-playing and pioneer-style games.	

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LOST IN THE WOODS

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, at your site, or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Physical Education • Environmental and Outdoor Education • Leadership Development
<p>When: Year-round</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–100 students, 1 hour virtual program) \$125 (1–35 students, 1 hour in-person program) \$140 (1–35 students, 1.5 hour in-person program)</p>	
<p>Indoor/Outdoor: In-person programs are inside and outside but can be adapted to be entirely outside (please dress for the weather and wear proper footwear), virtual programs are entirely inside</p>	
<p>Description: Do you hug a tree? Do you call for help? Do you drink from the stream or eat the berries? We'll teach your students how to keep themselves safe if they get separated from the group in the wilderness.</p>	

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MUSIC DISCOVERY WALK

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none"> • Kindergarten Creative Expression • Grade 1 Science Unit D Senses • Music
When: Year-round	
Duration: 1–1.5 hours	
Cost: \$125 (1–30 students, 1 hour program) \$140 (1–30 students, 1.5 hour program) \$250 (31–60 students, 1 hour program) \$280 (31–60 students, 1.5 hour program)	
Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear	
Description: Put a natural spin on your music lessons! Your students will explore the sounds of nature by listening for different sounds on a guided nature walk, and trying their hands at copying these sounds using our extensive collection of hand percussion instruments and the instruments in Harmony Garden, the outdoor music playground at the Kerry Wood Nature Centre. Students will gain practice listening and creating rhythms. Our hand percussion instruments are also available for supervised self-guided use. Please call 403-346-2010 for details.	

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NATURALIST 101

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none"> • Science • Physical Education • Environmental and Outdoor Education • Leadership Development
When: Year-round	
Duration: 1–1.5 hours	
Cost: \$125 (1–35 students, 1 hour program) \$140 (1–35 students, 1.5 hour program)	
Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear	
Description: Can't decide on just one topic, but instead want to experience a little bit of everything? Then Naturalist 101 is for you! In this program, we'll introduce your group to everything from insects to ungulates, and lichen to trees.	

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NATURE DISCOVERY WALK

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, or at your site</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Science • Biology • Physics • Physical Education • Environmental and Outdoor Education
<p>When: Year-round</p>	
<p>Duration: 1–2 hours</p>	
<p>Cost: \$125 / \$140 / \$155 (1–35 students, 1 / 1.5 / 2 hour program) \$250 / \$280 / \$310 (36–70 students, 1 / 1.5 / 2 hour program) \$375 / \$420 / \$465 (71–100 students, 1 / 1.5 / 2 hour program)</p>	
<p>Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear</p>	
<p>Description: We'll lead your students on a themed nature walk in the Gaetz Lakes Sanctuary or in a natural area of your choice. This is a highly customizable program—great for everyone from scout groups interested in completing a specific badge, to high school students looking to apply the knowledge learned in the classroom to a natural space in Central Alberta. Suggested themes include:</p> <ul style="list-style-type: none"> • Seasonal changes and seasonal adaptations of animals • Animal tracks and signs • Animal habitats • Sustainability • Impacts of human activity in nature • Biological diversity • Ecological succession • Geological time and the Red Deer River • Ecosystems of Central Alberta • Energy flow in the environment <p>If no theme is chosen at the time of booking, we will simply see what nature has to offer us at the time of the program! If you want to walk the 4 km Wishart Trail in the Gaetz Lakes Sanctuary, we recommend booking a 2 hour program, and tell us that this is your request at the time of booking.</p>	

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NATURESCHOOL

Where: Kerry Wood Nature Centre	Curriculum Connection: <ul style="list-style-type: none"> • Grade 5 Science Unit A Electricity and Magnetism • Grade 5 Science Unit D Weather Watch • Grade 5 Science Unit E Wetland Ecosystems • English Language Arts • Social Studies • Physical Education <i>A full curriculum fit is available.</i>
When: September–June	
Duration: Variable	
Cost: Variable	
Indoor/Outdoor: Mostly outside, please dress for the weather and wear proper footwear	
<p>Description: NatureSchool is a fresh, innovative way to immerse your Grade 5 population in nature and the environment across the curriculum. The Kerry Wood Nature Centre is uniquely equipped to handle your more challenging Science Curriculum topics; but that’s not all NatureSchool has to offer. Your students will get a healthy dose of working and playing outside, collaborating with group members to achieve a common goal, and discovering new ways to problem solve. Personal reflection, group sharing, and active living are all integral parts of this week-long adventure.</p> <p>Click here for more information on curriculum connections and cost.</p>	

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OF TWO PEOPLES

Where: Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none">• Grade 5 Social Studies Unit 5.2 Histories and Stories of Ways of Life in Canada• Aboriginal Studies
When: May–October	
Duration: 1.5 hours	
Cost: \$140 (1–35 students) \$280 (36–70 students) \$420 (71–100 students)	
Indoor/Outdoor: Mostly outside, please dress for the weather and wear proper footwear	
Description: A lively fur trade game illustrates local interactions between the First Nations, Métis, and European peoples.	

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POND STUDY

<p>Where: McKenzie Trails Recreation Area or at a wetland site of your choice (e.g., Bower Ponds)</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 5 Science Unit E Wetland Ecosystems • Grade 7 Science Unit A Interactions and Ecosystems • Grade 8 Science Unit E Freshwater and Saltwater Systems • Science 10 Unit D Energy Flow in Global Systems • Science 14 Unit D Investigating Matter and Energy in the Environment • Science • Physical Education
<p>When: April–September</p>	
<p>Duration: 2 hours</p>	
<p>Cost: \$155 (1–35 students) \$310 (36–70 students) \$465 (71–100 students)</p>	
<p>Indoor/Outdoor: Entirely outside, please dress for the weather and wear sturdy footwear that can get a little muddy (no flip flops)</p>	
<p>Description: One of our most popular and immersive programs. Discover the dynamics of life in a wetland through pond dipping and an interactive game.</p>	

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PONDLESS POND STUDY

<p>Where: At your site or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 5 Science Unit E Wetland Ecosystems • Grade 7 Science Unit A Interactions and Ecosystems • Grade 8 Science Unit E Freshwater and Saltwater Systems • Science 10 Unit D Energy Flow in Global Systems • Science 14 Unit D Investigating Matter and Energy in the Environment • Science • Physical Education
<p>When: April–September</p>	
<p>Duration: 1.5 hours</p>	
<p>Cost: \$140 (1–100 students, virtual program) \$140 (1–35 students, in-person program) \$280 (36–70 students, in-person program)</p>	
<p>Indoor/Outdoor: In-person programs are entirely outside (please dress for the weather and wear proper footwear), virtual programs are entirely inside</p>	
<p>Description: No pond? No problem—let us bring the pond to you! The Pondless Pond Study is very similar to our popular Pond Study, but for those classes that are unable to access a pond or other wetland site. For in-person programs, we will bring a few buckets of freshly caught pond critters for your students to examine. For virtual programs, we will share the critters in our bucket over the computer’s webcam.</p>	

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THE QUEST FOR THE BEST WATER TEST

<p>Where: McKenzie Trails Recreation Area, Bower Ponds, at your site, or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> Grade 8 Science Unit E Freshwater and Saltwater Systems
<p>When: April–September</p>	
<p>Duration: 1.5 hours (in-person program at your site, and virtual program via Zoom) 2 hours (in-person program at McKenzie Trails or Bower Ponds)</p>	
<p>Cost: \$155 (1–100 students, virtual program) \$155 (1–35 students, in-person program) \$310 (36–70 students, in-person program)</p>	
<p>Indoor/Outdoor: In-person programs are entirely outside (please dress for the weather and wear proper footwear), virtual programs are entirely inside</p>	
<p>Description: How can you tell if your water is fresh... or funky? After an engaging introduction to local water systems and watersheds, your students will analyze the water quality of a freshwater ecosystem by doing various hands-on tests and recording the results. Will they find one test is better than all the rest?</p> <p><i>In-person programs at McKenzie Trails or Bower Ponds have an extra half hour to allow time for students to go pond dipping and catch freshwater invertebrates for themselves. In-person programs at your site and virtual programs via Zoom allow time for students to examine pre-caught freshwater invertebrates, but they will not go pond dipping for themselves. Cost is the same regardless of whether a 1.5 or 2 hour program is booked. May/June 2022: Thanks to our friends at the Red Deer River Watershed Alliance, a \$140/class reimbursement—up to a maximum of \$420/school—is available to the first ten classes that book The Quest for the Best Water Test! Contact the Kerry Wood Nature Centre for more details.</i></p>	

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THE SCOOP ON SCOPES

<p>Where: Kerry Wood Nature Centre or at your site</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 4 Science Unit D Light and Shadows • Grade 6 Science Unit C Sky Science • Grade 8 Science Unit C Light and Optical Systems • Grade 9 Science Unit E Space Exploration • Science • Physics
<p>When: Year-round</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–35 students, 1 hour program) \$140 (1–35 students, 1.5 hour program)</p>	
<p>Indoor/Outdoor Inside and outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear</p>	
<p>Description: Explore the purpose and function of telescopes by getting up close and personal with our 12-inch reflecting telescope. Compare telescopes to the design of various animals’ pupils and discuss the effects of light pollution on both animals and astronomy. Peer through some of the telescopes we have on hand, and explore the light paths for different telescope designs with a hands-on activity.</p>	

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SKILLS TO SURVIVE

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none"> • Science • Physical Education • Environmental and Outdoor Education • Leadership Development
When: Year-round	
Duration: 2 hours	
Cost: \$155 (1–35 students)	
Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear	
Description: Do you have the will to survive? What about the skills to survive? Whether this is your first encounter with survival skills, or if you already know the basics and want a more comprehensive exploration of bushcraft, this program is sure to leave you better prepared for your next outdoor adventure so you can thrive while you survive. Survival skills discussed in the program will apply to the current season.	

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SLEEPOVER

Where: Kerry Wood Nature Centre or Fort Normandeau	Curriculum Connection: <ul style="list-style-type: none">• Physical Education• Science• Social Studies• English Language Arts
When: Year-round	
Duration: Overnight (7 p.m. to 9 a.m. following day)	
Cost: Click here for cost information	
Indoor/Outdoor: Inside and outside, please dress for the weather and wear proper footwear	
Description: Spend the evening prowling the Gaetz Lakes Sanctuary or the Fort Normandeau grounds, then fall asleep in the exhibit spaces. We'll do some programming in the evening and early morning on the themes of your choice.	

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SNOWSHOE ADVENTURE

<p>Where: Kerry Wood Nature Centre or at your site</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Physical Education • Environmental and Outdoor Education • Social Studies • Science
<p>When: November–April, weather dependent (requires at least 2 inches of snow on the ground)</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–35 students, 1 hour program) \$140 (1–35 students, 1.5 hour program)</p>	
<p>Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear (boots with ankle support and no high heels)</p>	
<p>Description: Explore the winter landscape from a new perspective by putting on a pair of snowshoes. We'll challenge you to a few activities that will put your snowshoe coordination to the test and go for a nature walk through the forest. If your group includes any individuals with mobility issues, they can join in on all the fun by using our TrailRider!</p>	

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STARRY STARRY NIGHT

<p>Where: Kerry Wood Nature Centre, Fort Normandeau, or at a dark skies site of your choice</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Grade 6 Science Unit C Sky Science • Grade 9 Science Unit E Space Exploration • Science • Physics • English Language Arts • Social Studies
<p>When: Year-round, takes place at night, weather dependent (cannot be cloudy or precipitating)</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–35 students, 1 hour program) \$140 (1–35 students, 1.5 hour program)</p>	
<p>Indoor/Outdoor: Entirely outside, please dress for the weather and wear proper footwear</p>	
<p>Description: Let us bring the night skies alive by giving your group a tour of the constellations visible from Alberta. Using our collection of binoculars and/or telescopes, we'll take a closer look at some of the astronomical objects invisible to the naked eye.</p>	

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TRACKS & SCATS

Where: Kerry Wood Nature Centre	Curriculum Connection: <ul style="list-style-type: none">• Grade 6 Science Unit D Evidence and Investigation
When: Year-round	
Duration: 2 hours	
Cost: \$170 (1–30 students)	
Indoor/Outdoor: Inside and outside, please dress for the weather and wear proper footwear	
Description: Get your hands dirty making plaster casts from our collection of animal track molds. Next, students must work together to unravel the clues in our nature-themed crime scene investigation. Outside, your skills of observation and deduction will be put to the test in the great outdoors to find evidence of animal activity in the Gaetz Lakes Sanctuary.	

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THE UGLY SPUDLING: A TATER STORY

Where: Kerry Wood Nature Centre or at your site	Curriculum Connection: <ul style="list-style-type: none">• Science• Health• Drama
When: Year-round	
Duration: 1.5 hours	
Cost: \$140 (1–35 students)	
Indoor/Outdoor: Inside and outside (can be adapted to be entirely inside or entirely outside), please dress for the weather and wear proper footwear	
Description: Start the conversation surrounding the reduction of food waste with this engaging program that includes an interactive theatre-style story, a recipe book activity, and (weather-permitting) a nature walk about edible plants. If the weather doesn't cooperate, students will play a life-sized board game instead of going on the nature walk.	

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THE ULTIMATE MATCHUP: WEATHER VS CLIMATE

Where: Virtually via Zoom	Curriculum Connection: <ul style="list-style-type: none">• Grade 5 Science Unit D Weather Watch
When: Year-round	
Duration: 1 hour	
Cost: \$125 (1-100 students)	
Indoor/Outdoor: Entirely inside	
Description: Weather and climate are not synonyms, despite what even some adults may think! Expose the important differences between these two words, use common household materials to construct a weather instrument, and learn the basics of weather prediction so you can be prepared on your next outdoor adventure.	

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WHOOO... KNOWS OWLS?

Where: Kerry Wood Nature Centre, at your site, or virtually via Zoom	Curriculum Connection: <ul style="list-style-type: none"> • Science • Biology
When: Year-round	
Duration: 1.5 hours	
Cost: \$140 (1–100 students, virtual program without owl pellet dissection) \$155 (1–30 students, in-person program with 10 owl pellets included) \$155 (1–30 students, virtual program with 10 owl pellets included) Extra owl pellets available with advanced notice for \$3/pellet	
Indoor/Outdoor: Entirely inside	
Description: Discover the fascinating adaptations of owls and view local species close-up with our mounted specimens. Dissect real owl pellets, and learn about their food and hunting habits.	

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WILD THINGS IN SPRING

Where: Kerry Wood Nature Centre, Fort Normandeau, or at your site	Curriculum Connection: <ul style="list-style-type: none">• Kindergarten Environment and Community Awareness• Grade 1 Science Unit B Seasonal Changes• Grade 1 Science Unit D Senses
When: April–June	
Duration: 1 hour	
Cost: \$125 (1–35 students) \$250 (36–70 students)	
Indoor/Outdoor: Mostly outside (can be adapted to be entirely outside), please dress for the weather and wear proper footwear	
Description: Explore the signs of spring through stimulating sensory games and activities.	

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WINTER WILDS

<p>Where: Kerry Wood Nature Centre, at your site, or virtually via Zoom</p>	<p>Curriculum Connection:</p> <ul style="list-style-type: none"> • Kindergarten Environment and Community Awareness • Grade 1 Science Unit B Seasonal Changes • Grade 1 Science Unit E Needs of Animals and Plants • Grade 2 Science Unit D Hot and Cold Temperature
<p>When: September–April</p>	
<p>Duration: 1–1.5 hours</p>	
<p>Cost: \$125 (1–100 students, 1 hour virtual program) \$125 (1–35 students, 1 hour in-person program) \$140 (1–35 students, 1.5 hour in-person program)</p>	
<p>Indoor/Outdoor: Mostly or entirely inside, please dress for the weather and wear proper footwear if doing the 1.5 hour in-person program</p>	
<p>Description: Through hands-on activities using our pelts and taxidermy collection, learn how local wildlife survives the winter. The 1.5 hour in-person program includes a half-hour nature walk outside; the 1 hour program is entirely inside.</p>	

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