

# Banding Lab Tour

Grades: Kindergarten, One and Two



Explore the world of birds and bird research by joining us for a visit at the Cypress Hills Birding Field Station. If you are lucky, you may get closer to a live bird than you've ever been before!

Your 1 hour program includes:

- ✓ An introduction to the Birding Field Station run by the Inglewood Bird Observatory.
- ✓ An opportunity to observe the bird banding process up-close.
- ✓ Hands-on activities related to bird banding, migration and seasonal change.



*An American Redstart is held before release*



*Student extracting a fake bird from mist net*

## Science Curriculum Connections:

Grade 1: Topic B, E

Grade 2: Topic E

**Cost: \$5/student**

**Location:** This program is delivered at the Birding Field Station, located approximately 1.5 kilometres past the Visitor Centre on Lakeview Drive.

**Under 24 Teachers and Students: Take the Cypress Bus! Call for more information.**

## To Book A Program:

Call 403-893-3833

or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)



# Cypress Hills: Star Lab

**Grades: Six and Nine**



Ever wonder what its like to land on Mars or fly through the rings of Saturn? Take part in an out of this world experience with the Cypress Hills Star Lab! This program takes you on an interplanetary and interstellar journey where you have the opportunity to observe, describe and interpret objects in the night sky from inside the comfort of a portable planetarium!

## Starlab Program

Your **1 hour** program includes:

- ✓ Follow the movement of Constellations across the sky.
- ✓ Track the movement of objects in the sky.
- ✓ Tour the solar system to get up close and personal with planets
- ✓ Experience space exploration first hand!
- ✓ Explore the known universe!



*Picture of a spiral galaxy*



*Inflatable starlab dome*



## Science Curriculum Connections:

Grade 6: Sky Science

Grade 9: Space Exploration

**Cost: \$250.00 for the first session,  
\$150.00 per extra session**

**Location: Learning Centre in the  
Cypress Hills or your School!**

## To Book A Program:

Call 403-893-3833

or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)

# Evidence and Investigation

**Grade: Six**



Untangle a wild mystery in the forest using outdoor investigation techniques. Students will solve a wildlife mystery by examining signs of animal and human activity through studying tracks and traces in nature.

**Your 2 hour program includes:**

- ✓ A mystery to solve in the natural environment.
- ✓ Analyze tracks and trail signs to determine animal behaviour.
- ✓ Determine biotic and abiotic factors in the environment.
- ✓ Compare a human impacted environment vs. a non-impacted environment.



*Exploring an immature aspen forest*



*Lodgepole pine forest*

**Science Curriculum Connections:**  
Grade 6: Topic D,E

**Cost: \$5/student**

**Location:**

This program is delivered at the Learning Centre.

**Under 24 Teachers and Students:  
Book the Cypress Bus!  
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**To Book A Program:**

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# GPS/Geocaching

Grades: Six to Twelve



Discover the thrill of geocaching ... a high-tech navigational treasure hunt for all ages! Learn how to use the GPS to find hidden caches with your team, and how GPS, compass and map skills can help navigate the backcountry.

## Your 2 hour program includes:

- ✓ An introduction to GPS and compass navigation techniques.
- ✓ A GPS challenge activity where students will have to work together in small groups.
- ✓ Exploratory Hike using maps and GPS skills.
- ✓ An introduction to the sport of geocaching.



*Mixed forest in the Cypress Hills*



## Curriculum Connections:

Grades 6 to 12: Physical Education Outcomes - A,C,D

**Cost: \$5/student**

## Location:

This program is delivered at the Learning Centre.

**Under 24 Teachers and Students:  
Book the Cypress Bus!  
Call for more information.**



## To Book A Program:

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# Learn to Fish

**Grades: Five to Twelve**



Reel in a good time as you develop the skills to become an expert angler. Discover what lives in the local water bodies of Cypress Hills and how fishing responsibly can help aquatic conservation. Participants will be given a rod and tackle. No license required.

## Your 1.5 hour program includes:

- ✓ An introduction to the sport of fishing.
- ✓ Discover the different types of fish and aquatic life that live in Elkwater Lake.
- ✓ Learn about water quality and how it affects our lakes and rivers.



*Elkwater Lake*



*Learn to Fish Program*

## Curriculum Connections:

Outdoor Education, Aquatic Studies

**Cost: \$5/student**

## Location:

This program is delivered at the East End Day Use area.

## Under 24 Teachers and Students:

**Book the Cypress Bus!**

**Call for more information.**

## To Book A Program:

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or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)



# Look See Paint

Grade: One



Discover the 'art' in earth. Take part in a nature-based painting program to connect students with the landscape of the Cypress Hills. Visit [www.lookseepaint.com](http://www.lookseepaint.com) for program details.

## Your 1 hour program includes:

- ✓ Connect with nature and have students create their own watercolour picture.
- ✓ Discover different landscapes within the Park.
- ✓ Create an image based on observations in the natural world.



*Landscape just waiting to be painted*



*A sample of water colour paints*

## Curriculum Connections:

Grade 1: Art - Reflection, Depiction, Composition, Expression

**Cost: \$5/student**

## Location:

This program is delivered at the Learning Centre.

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Call for more information.**

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# Outdoor Activities

Grades: Seven to Twelve



## Mountain Biking

Your 1.5 hour program includes:

Discover mountain biking on our fleet of Devinci mountain bikes. This program includes an introduction to the sport of mountain biking and includes a trail ride on our new beginner trail.

Instructor Student Ratio 1:10

Cost: \$15.00/student



## Canoeing

Your 1.5 hour program includes:

Interested in learning how to paddle a canoe? Come take part in this program offering in the Cypress Hills. Paddle Alberta certified canoe instructors will teach you all about the basics of canoeing.

Instructor Student ratio 1:10

Cost: \$15.00/student

## Curriculum Connections:

Grade 7 to 12: Physical and Outdoor Education

**Cost:** Call or email for more information on packages.

**Location:** Meet at the Learning Centre

**Under 24 Teachers and Students:**  
**Book the Cypress Bus!**  
**Call for more information.**



## To Book A Program:

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or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)

# Outdoor Education

Grade: Seven to Twelve



Cypress Hills Provincial Park offers a variety of environmental and outdoor education programs for your class. Our programs are based on outdoor skills using problem solving techniques.

## Your program could include:

- ✓ GPS Geocaching
- ✓ Fire Lighting: Flint and steel
- ✓ Shelter Building
- ✓ Ropes and Knots
- ✓ Snowshoeing
- ✓ Cross Country Skiing
- ✓ Learn to Fish
- ✓ Leave No Trace Ethics
- ✓ Canoeing
- ✓ Mountain Biking
- ✓ Team Building and Problem Solving

The Outdoor Education at Cypress Hills Provincial Park can be adapted to suit the needs of your class or group. Programs can be tailored for skill and physical activity level. If you are interested in booking a program, please call or email to discuss details. Camping and accommodation are also available in the Park.



## Curriculum Connections:

Grade 7 to 9: Environmental, Physical and Outdoor Education

**Cost: \$5 to \$10/student**

**Location:** This program is delivered at the Learning Centre.

**Under 24 Teachers and Students:  
Take the Cypress Bus!  
Call for more information.**

## To Book A Program:

Call 403-893-3833

or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)



# Tracks and Traces

Grades: Seven to Twelve



Enjoy a fresh winter day in the Cypress Hills, on snowshoes! Discover nature's winter adaptations, and search for stories of wildlife written in the snow!

## Your 2 hour program includes:

- ✓ A Snowshoe hike through the Cypress Hills.
- ✓ An opportunity to observe animal tracks and trail signs.
- ✓ Activities related to wildlife and plant adaptations for survival in winter.
- ✓ Ecosystem and population dynamics in winter.



*A cougar in the Cypress Hills.*

## Curriculum Connections:

Grade 7 Science: Unit A  
Grade 9 Science: Unit A  
Grade 10 Science: Unit C  
Science 20: Unit D  
Bio 20: Unit B  
Bio 30: Unit D

**Cost: \$5/student**

## Location:

This program is delivered at the Learning Centre.

## To Book A Program:

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or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)



# Trees and Forests

**Grade: Six**



Through a series of activities, students will understand the role and value of forests for humans and wildlife. They will analyze the characteristics that distinguish deciduous and coniferous trees from other plants and identify four or more tree and plant species.

**Your 2 hour program includes:**

- ✓ Compare different tree and plant species found in the Cypress Hills.
- ✓ Use a dicotomous key for local plants.
- ✓ Interpret the growth pattern of two different trees using tree cookies.



*Mixed forest in the Cypress Hills*



*Identifying species of plants*



**Science Curriculum Connections:**  
Grade 6: Topic E

**Cost: \$5/student**

**Location:**

This program is delivered at the Learning Centre.

**Under 24 Teachers and Students:  
Book the Cypress Bus!  
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**To Book A Program:**

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# Winter Survivors

**Grades: Seven to Twelve**



Discover what it takes to survive the winter in Cypress Hills Interprovincial Park. Experience the thrill of creating your own winter shelter, fire-lighting and snowshoeing. Do you have what it takes to survive the Cypress winter? Come find out!

**Your 4.5 hour program includes:**

- ✓ An introduction to snowshoeing, fire-lighting and shelter building.
- ✓ Explore the Cypress Hills to see how animals adapt to survive in winter.
- ✓ Practice your winter survival skills through interactive activities.
- ✓ A pre-trip visit to your classroom to help students prepare for the trip.



*Class enjoying the fresh snow at Cypress Hills*



*Spruce Coulee after a fresh snowfall*



**Curriculum Connections:**

Grades 7 to 12: Physical Education  
Outcomes: A, C, D

**Cost: \$10 per student**

**Location:**

This program is delivered first as a pre-trip in class session and then in Cypress Hills at the Hwy. 41 Group Camp.

**To Book A Program:**

Call 403-893-3833  
or email [Chris.Dodds@gov.ab.ca](mailto:Chris.Dodds@gov.ab.ca)