



# Bonnechere

## **Bonnechere Provincial Park Natural & Cultural Heritage Educational Programs**

**Season:** May 25 to June 23 2011

### **NEW for 2011 Footprints in Time FIT Trail Bushcraft**

#### **Agenda**

9:30: Arrival  
9:45 – 11:30: Educational Program I  
11:30 – 1:00: Lunch & Recreational Activities  
1:00 – 2:30: Educational Program II  
2:45: Departure

#### **Options**

- Most programs can be adapted for various ages/grade levels.
- Choose ONE trip date, & ONE rain date.
- Choose TWO programs per day.

#### **Cost: \$210 per class**

Includes Park take-away classroom resources (books & CD), program interpreters, park facilities, school bus pass. Many programs include souvenirs. Additional vehicles (parents & chaperones in separate cars) must purchase a Daily Vehicle Permit: (\$14).

Make cheques payable to:  
Friends of Bonnechere Parks.

#### **Contact**

Jason Mask, Acting Park Superintendent  
Bonnechere Provincial Park

[Jason.Mask@ontario.ca](mailto:Jason.Mask@ontario.ca)

Phone: 613 757 2103

Fax: 613 757 0339

[www.bonnecherepark.on.ca](http://www.bonnecherepark.on.ca)

#### **Curriculum Planning**

All programs are designed to reflect Ontario Curriculum requirements. Most programs are interchangeable between grades. Integrated quizzes, activities, lesson plans, images and worksheets are available online at [www.bonnecherepark.on.ca](http://www.bonnecherepark.on.ca)

#### **Come Prepared**

Dress for the weather: rain gear, warm clothes, sun hats, bug jackets and sturdy shoes. Pack healthy picnic lunches.

#### **Swimming**

If students plan to swim, teachers will be responsible for supplying a lifeguard.

#### **Accessibility**

The Davenport Centre, The Depot, Comfort Station, outdoor toilets and most areas of the Park are wheelchair accessible.



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Bonnechere Parks

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## EXPLORATION

Our Footprints in Time (FIT) program has been updated for 2011 to celebrate the natural and cultural heritage of the Ottawa Valley.

The FIT trail is structured upon a traditional Algonquin First Nation teaching illustrating man's time on Earth, from the Ice Age to present-day. With the help of customized interpretation tools and active games, FIT trail hikers experience hands-on learning while connecting with the landscapes and timelines of yesterday and today through active participation.

Our Park interpreters will enhance the outdoor experience for students by inviting them to participate in running, seeking and sensory games, and engaging them in role-playing activities.

The FIT trail concept is designed to make us look differently at the outdoor pathways and open spaces that surround us, to seek out the natural and cultural stories that have shaped these places, and to appreciate their relevance to who and what we become as individuals and communities.

### 1: Footprints in Time

Grades 3 thru 8

- mark eras in time: 11 000 BC to 2000 AD
- hike the McNaughton FIT
- running, seeking and sensory games
- imagination, fantasy and role playing activities

Includes (1 per group):

- *Spirits of the Little Bonnechere: A History of Exploration, Logging and Settlement 1800 to 1920*
- *Discover the Spirits of the Little Bonnechere: A Cultural Heritage Activity Book for Youth*
- *Visiting the Spirits: Exploring the Hidden Heritage of the Little Bonnechere River* (interactive CD)
- *Walks of the Little Bonnechere River*

### 2: Prehistoric Pots

Grades 3 thru 8

- learn about the people of the Woodland Era (1000 to 3000 years ago)
- make a pinch or coil clay pots

Souvenirs: class set of 6-rulers

### 3. Map of Exploration

Grades 5 thru 8

- learn mapping basics
- learn how to use a compass and map your surroundings
- map a section of Bonnechere Park

Lesson Plans:

<http://www.thealgonquinway.ca/English/learning-resource-e.php?lesson=6>

<http://www.thealgonquinway.ca/English/learning-resource-e.php?lesson=5>

<http://www.thealgonquinway.ca/English/learning-resource-e.php?lesson=8>

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## BIRDS

### 1: Bird Habitats

Grades 1 thru 3

- bird habitat types
- Renfrew County bird species at risk
- what we can do to protect bird habitats
- play Habitat Hopscotch

### 2: Bird Migration

Grades 3 thru 7

- annual bird migration cycle
- how birds adapt for migration
- Renfrew County bird species at risk
- play Flying to Survive migration game

### 3: Bird Habitat Scan

Grades 5 thru 9

- Renfrew County bird species at risk
- niche habitats
- conduct a bird habitat scan (outdoor scavenger hunt)

Souvenirs:

- class set of *Best of Friends Activity Book*  
OR *Birds of the Upper Ottawa Valley*  
checklist
- class set of bird sticker sheets

Lesson Plans: <http://www.bonnecherepark.on.ca/html/programs/resources-birds.html>

Game: <http://www.bonnecherepark.on.ca/games/game-bird.html>

Quiz: <http://www.bonnecherepark.on.ca/games/quiz-bird.html>

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## TURTLES

### 1: Turtle Habitats

Grades K thru G2

- Renfrew County turtle species at risk
- the ideal turtle habitat
- role play A Year in the Life of a Turtle
- learn how to protect turtles & their habitat

### 2: Turtle Survival – What are the Odds?

Grades 3 and 4

- Renfrew County turtle species at risk
- odds and threats to survival
- 1% survival rate: do the math
- learn how to protect turtles & their habitat

### 3: Turtles and the Ecosystem

Age: 8 to 14 years

- Renfrew County turtle species at risk
- role play elements of a turtle ecosystem
- use GPS to track turtles then upload data to Metro Toronto Zoo Turtle Tally

Includes (1 per group):

- Ontario Turtles ID Sheet
- learn how to protect turtles & their habitat

Souvenirs:

- class set of *Best of Friends Activity Book*
- class set of Save Ontario Turtles  
decals/bumper stickers

Lesson Plans, Game and Quiz:

<http://www.bonnecherepark.on.ca/html/programs/resources-turtles.html>

<http://www.bonnecherepark.on.ca/games/quiz-turtle.html>

<http://www.bonnecherepark.on.ca/games/game-turtle.html>

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## ARCHAEOLOGY

### 1: Archaeological Dig

Grades K thru 8

- learn basics of archaeological methods
- excavate a square
- conduct artefact reassembly
- interpret artefacts by era

Souvenirs: class set of 6-rulers

Includes (1 per group):

- *Spirits of the Little Bonnechere: A History of Exploration, Logging and Settlement 1800 to 1920*
- *Discover the Spirits of the Little Bonnechere: A Cultural Heritage Activity Book for Youth*
- *Visiting the Spirits: Exploring the Hidden Heritage of the Little Bonnechere River* (interactive CD)

Online Resources: <http://www.virtualmuseum.ca/Exhibitions/Spirits/English/index.html>

Virtual Dig: <http://www.virtualmuseum.ca/Exhibitions/Spirits/English/Dig/index.html>

Lesson Plans: <http://www.virtualmuseum.ca/Exhibitions/Spirits/English/Resources/index.html>

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## PIONEER LIFE

### 1: Pioneer Games

Grades 1 thru 5

- learn about pioneer toys and games
- make and play pioneer toys and games

### 2: Bare Bones of the Backwoods

Grades 3 thru 8

- study animal bones of the settlement kitchen
- learn about pioneer hunting and fishing tools used to harvest and prepare food
- make primitive fishing tools

### 3: Pioneer Lights

Grades 5 thru 8

- discover how the pioneers lit the night
- make tin lantern
- make beeswax candle

Includes (1 per group):

- *Spirits of the Little Bonnechere: A History of Exploration, Logging and Settlement 1800 to 1920*
- *Discover the Spirits of the Little Bonnechere: A Cultural Heritage Activity Book for Youth*
- *Visiting the Spirits: Exploring the Hidden Heritage of the Little Bonnechere River* (interactive CD)

Lesson Plans & Quizzes:

<http://agora.virtualmuseum.ca/edu/ViewLoitCollection.do?method=preview&id=21&lang=EN>

<http://agora.virtualmuseum.ca/edu/ViewLoitDa.do?method=preview&lang=EN&id=1013>

<http://agora.virtualmuseum.ca/edu/ViewLoitDa.do?method=preview&lang=EN&id=894>

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## BUSHCRAFT

### 1: Wilderness Survival

Grades 6 thru 11

- make fire using primitive fire-making tools
- learn sources & uses of natural cordage
- learn plant identification

- make dead-fall trap, primitive fishing tools and/or basket

Includes (1 per group):

- fire bow kit

Online Resources:

<http://www.museevirtuel->

[virtualmuseum.ca/edu/ViewLoitDa.do?method=preview&lang=EN&id=894](http://www.museevirtuel-virtualmuseum.ca/edu/ViewLoitDa.do?method=preview&lang=EN&id=894)

<http://www.museevirtuel->

[virtualmuseum.ca/edu/ViewLoitDa.do?method=preview&lang=EN&id=1013](http://www.museevirtuel-virtualmuseum.ca/edu/ViewLoitDa.do?method=preview&lang=EN&id=1013)