

# *Animating the John Rowswell Hub Trail*

## Curriculum Applications

Full-Day Early Learning-Kindergarten Program to Grade 8

June 2015

[www.hubtrail.com](http://www.hubtrail.com)



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## Animating the John Rowswell Hub Trail

Community organizations have partnered with NORDIK Institute and the City of Sault Ste. Marie Planning Department in the *Animating the John Rowswell Hub Trail*, providing information regarding the rich historical, cultural and environmental ecosystems adjacent to the Hub Trail. The information, including healthy active living, is widely accessible through a web portal, mobile devices, a printed Trail Guide and an Audio Tour. The Trail Guide and Audio tour are trilingual, English, French and Anishinaabemowin, the traditional language of this region.

The project aims to engage citizens and tourists alike in exploring, discovering and learning about Sault Ste. Marie, one of Canada's oldest settlements. Its goals include creating learning opportunities for all ages, strengthening community identity and attachment to place; and, contributing to creating a place-based economy by reclaiming, developing and celebrating the city's history and natural environment along the Hub Trail corridor.

The Trail is a 22.5 km non-motorized route around the community. The *Animating* project has created an interactive experience for users as they travel it. The information is organized around the trail markers the City has erected at every 0.5 km. Some key points of interest occur between marker locations and/or on nearby streets. In these cases, a few have been included in the project and are noted as being 'On route' or 'Side route.'

Three educational resources have been developed to assist educators in linking the content that appears at specific locations in the Trail Guide and web portal to the Ontario Curriculum documents. The resources are: i) Early Years Programming ii) Full-Day Early Learning-Kindergarten Program to Grade 8; and, iii) Curriculum Applications, Grade 9-12, They are available to download from the web portal ([www.hubtrail.com](http://www.hubtrail.com)) The resources will assist you in exploring the community through the Hub Trail by taking students outside and walking sections or by utilizing the website.

## How to use the resource

This book is divided into four main sections Full Day Early Learning Learning-Kindergarten Program to Grade 8. In each grade section an introduction is provided along with the specific subject that connects to the Trail point. Under each subject heading a chart indicates which resource (Trail Guide and/or Web Portal) and which Trail section and marker location links to the Ontario Curriculum subject as well as the unit for that specific grade. Correlating codes are also provided to further assist educators in identifying the Ontario Curriculum Expectations being met.

There are seven sections of the John Rowswell Hub Trail and this resource is divided similarly. Within sections, each location is listed with its curriculum application(s). The tables indicate which resource (Trail Guide and/or web portal) can be used as well as subjects and units. Correlating codes are also provided to further assist educators in identifying the Ontario Curriculum Expectations being met. Each section has a Trail Companion, an animal or plant that you can spot in this area.

### The seven sections of the Trail

1. Downtown Waterfront
2. Historic District
3. East Neighbourhood
4. Finn Hill
5. Northern Corridor
6. Fort Creek
7. Carmen's Way



#### Accessibility note

Two areas of the Trail are too steep to be accessed by wheelchair: the incline at Finn Hill (9.5-10.5 km), and the exit of Fort Creek onto Second Line (18.0 km).



## Overview of Curriculum and Grade Links

Trail Guide = \*

Web Portal = \*

	Early Years	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Downtown Waterfront	**	**	**	**	*	**	**	*	
Historic District	**		*	**			**	**	*
East Neighbourhood	**	**	*	*	**	**	**	**	*
Finn Hill	**	**	*	**	**		**	**	**
Northern Corridor	**	**		**		**	**		**
Fort Creek	**	**	**	**	**		**	**	
Carmen's Way		**	**	**		**	**		**

## Curriculum Applications by Trail location

The content developed for the Animating the John Roswell Hub Trail project connects to many areas of the provincial curriculum. Curriculum connections to specific Trail locations can be found below. Activities that may be incorporated into the learning are found in the Trail Guide, web portal, and audio tour (all available at [www.hubtrail.com](http://www.hubtrail.com)). A selection of sample activities from these three resources is included in this document.

Being active with the students and encouraging them to engage with the content in a number of ways is key to successful learning. The majority of the John Rowswell Hub Trail is fully accessible (**exceptions:** steep incline at Finn Hill between markers 9.5km and 10.5km, exit of Fort Creek onto Second Line at marker 18.0km), and a number of schools are located in close proximity to the Trail. Explore the Trail from different perspectives, assisting students in familiarizing themselves with their surroundings. While enjoying nature areas be sure to review important safety information with the students.

## Trail Sections

### Downtown Waterfront

Join Winnie Whitefish as she swims alongside you from the rapids to the Library. Winnie will show you the importance of the river and how it has changed over the years. The Downtown Waterfront section runs between Carman’s Way and the Historic District sections. The kilometer markers for the Trail begin mid-way through the Downtown section at the Roberta Bondar Pavilion (0.0 km). Follow the Trail to the Historic District and then return to the locks to resume the Waterfront section



Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Expectation / Unit and Code
<b>0.0 km</b>	Roberta Bondar Sculpture	Both	FDEL-KP	The Arts; Visual Art	Overall Expectation V4
		Both	6	Science and Technology	Space 1.1
	Roberta Bondar Park and Tent Pavilion	Web	1	Social Studies	The Local Community B1 / B3
	The Roberta Bondar Marina	Web	7	Geography	Physical Patterns in a Changing World A1
	Algoma Farmers’ Market	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectation 1
<b>Norgoma (On Route)</b>	M.S. Norgoma	Both	3	Social Studies	Living and Working in Ontario B1
<b>0.5 km</b>	Flags of Sault Residents	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	2	Social Studies	Changing Family and Community Traditions A1
	Waterfront Urban Renewal Project	Web	3	Social Studies	Living and Working in Ontario B1 / B2 / B3
	Architecture and Artwork	Web	2	Social Studies	Changing Family and Community Traditions A1 / A3
			3	Science and Technology	Strong and Stable Structures Overall

					Expectations 1 / 2 / 3
		Web	7	Science and Technology	Form and Functions Overall Expectations 1 / 2 / 3
	Purple Loosestrife	Web	6	Science and Technology	Biodiversity Overall Expectation 1
	The Canada Goose	Web	2	Science and Technology	Growth and Changes in Animals Overall Expectations 1 / 2 / 3
<b>Welcome Arch (Side Route)</b>	The Welcome Arch	Web	1	Social Studies	The Local Community
		Web	6	Social Studies	Communities in Canada, Past and Present
<b>Dedication Stone (On Route)</b>	The Dedication Stone	Web	5	Social Studies	The Role of Government and Responsible Citizenship
<b>Art Gallery (On Route)</b>	The Art Gallery of Algoma	Both	FDEL-KP	The Arts; Visual Art	Overall Expectation V2
		Both	6	Social Studies	Communities in Canada, Past and Present A1
	Early Beginnings	Web	1	Social Studies	The Local Community
	The Sculpture Park	Web	FDEL-KP	The Arts; Visual Art	Overall Expectation V2
		Web	1	Social Studies	The Local Community
<b>The Library (On Route)</b>	Sault Ste. Marie Public Library	Both	1	Social Studies	The Local Community B1 / B3
	Jewel of the Waterfront	Web	1	Social Studies	The Local Community B1 / B3
	Archives and Special Collections	Web	1	Social Studies	The Local Community B1
		Web	3	Social Studies	Communities in Canada, 1780-1850 A1
		Web	4	Social Studies	Early Societies, 3000 BCE-1500 CE A1
		Web	5	Social Studies	First Nations and Europeans in New

					France and Early Canada A2
<b>Museum (Side Route)</b>	Sault Ste. Marie Museum	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	1	Social Studies	The Local Community B1
	Exhibits and Activities	Web	1	Social Studies	The Local Community B1
		Web	3	Social Studies	Communities in Canada, 1780-1850 A1
		Web	3	Science and Technology	Strong and Stable Structures Overall Expectations 1 / 2 / 3
		Web	4	Social Studies	Early Societies, 3000 BCE-1500 CE A1
		Web	4	Social Studies	Political and Physical Regions of Canada B1 / B2

The Downtown Waterfront section resumes at the locks, part of the Sault Ste. Marie Canal National Historic Site.

<b>Trail Marker</b>	<b>Location / Topic of Project Content</b>	<b>Trail Guide or Web</b>	<b>Grade</b>	<b>Subject</b>	<b>Expectation / Unit and Code</b>
<b>Locks (Side Route)</b>	The Locks	Web	FDEL-KP	Science and Technology	Overall Expectation 1
		Web	6	Social Studies	Communities in Canada, Past and Present A3
<b>21.5 km</b>	St. Marys River Rapids	Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	5	Social Studies	First Nations and Europeans in New France and Early Canada A1 / A2 / A3
	"Tail Race" at Clergue Generating Station	Web	3	Social Studies	Living and Working in Ontario B1 / B2
		Web	6	Science and Technology	Electricity and Electrical Devices Overall Expectations 1 / 2 / 3



	Zebra Mussels	Web	6	Science and Technology	Biodiversity Overall Expectation 1
<b>22.0 km</b>	Catching Whitefish	Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	2	Social Studies	Changing Family and Community Traditions A2 / A3

### **Sample Activities for the Downtown Waterfront Section**

#### *The Rapids (21.5 km): Language*

“Attikamek,” meaning “caribou of the waters,” is Ojibway for \_\_\_\_.

Answer: Whitefish.

#### *The Norgoma: Observation*

Have you ever slept on a boat? Where were you going?

#### *Roberta Bondar (0.0 km): Quiz*

What was the name of the space shuttle Roberta Bondar was on?

Answer: The Discovery.

#### *Flags of Sault Residents (0.5 km): Drawing*

Winnie Whitefish says: Draw a flag of something that is important to you.

## Historic District

Imagine Sault Ste. Marie in days gone by. Rémi le Renard will trot alongside you as you walk 2.3 km through this historic Trail section. Join Rémi as he waves at the passing bushplanes, and admire the many beautiful buildings that adorn the City's heritage neighbourhoods.



Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Expectation / Unit and Code
<b>Old Stone House (Side Route)</b>	Ermatinger-Clergue National Historic Site	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	3	Social Studies	Communities in Canada, 1780-1850 A1
	Charles Oakes Ermatinger	Web	3	Social Studies	Communities in Canada, 1780-1850 A1
	Francis H. Clergue, Pioneer of Industry	Web	8	History	Canada, 1890-1914: A Changing Society B3
<b>1.0 km</b>	Canadian Bushplane Heritage Centre	Both	6	Science and Technology	Flight Overall Expectations 1 / 2 / 3
	Discover the Planes, Meet the Pilots	Both	3	Social Studies	Living and Working in Ontario B1 / B2
		Both	6	Science and Technology	Flight Expectation 1: 1.1
	Bushplanes and Forest Fires	Web	7	Science and Technology	Interactions in the Environment Overall Expectations 1 / 2
<b>1.5 km</b>	Sea Lamprey	Both	6	Science and Technology	Biodiversity Overall Expectation 1
	The Moose	Web	2	Science and Technology	Growth and Changes in Animals Overall Expectations 2 / 3
<b>2.0 km</b>	Changing Shorelines	Both	7	Geography	Physical Patterns in a Changing World A1 / A2

<b>2.5 km</b>	Church Architecture	Both	FDEL-KP	Science and Technology	Overall Expectation 1
		Both	3	Science and Technology	Strong and Stable Structures

**Sample Activities for the Historic District**

*Ermatinger-Clergue National Historic Site: Observation*

How are these homes different from yours?

*Canadian Bushplane Heritage Centre (1.0 km): Drawing*

Draw a bushplane flying or landing on the water.

*Church Architecture (2.5 km): Think about it*

Why do some buildings last longer than others?

## East Neighbourhood

Welcome to the East Neighbourhood! Fly along with Barbara Bluejay as she soars by research centres, schools, parks, and homes. In this Trail section you will dive deeper into the City's rich history and learn about how lifestyles and landscapes changed with the City's neighbourhoods.



Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Expectation / Unit and Code
<b>3.0 km</b>	Environmental Research Hub	Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	4	Science and Technology	Habitats and Communities Overall Expectations 1 / 2 / 3
	Plants and Trees	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 1 / 2 / 3
	Invasive Species	Web	6	Science and Technology	Biodiversity Overall Expectation 1
	Insect Production	Web	6	Science and Technology	Biodiversity Overall Expectations 1 / 2 / 3
<b>Bellevue Park (Side Route)</b>	Bellevue Park	Web	1	Social Studies	The Local Community B1
	What's That Bird?	Web	2	Science and Technology	Growth and Changes in Animals Overall Expectation 2
	Norway Spruce	Web	3	Science and Technology	Growth and Changes in Plants 1.1 / 3.8
		Web	4	Science and Technology	Habitats and Communities Overall Expectation 1
<b>3.5 km</b>	Queen Elizabeth Sports Complex	Both	FDEL-KP	Health and Physical Education	Overall Expectations 1 / 2 / 3 / 4
		Both	5	Science and Technology	Human Organ Systems Overall Expectations 1 / 2 / 3
	Our City's Athletes	Web	1	Social Studies	The Local Community B1
		Web	6	Social Studies	Canada's Interactions with the Global Community B3

	Emerald Ash Borer	Web	6	Science and Technology	Biodiversity Overall Expectations 1 / 2 / 3
<b>4.0 km</b>	The Urban Ecosystem	Both	4	Science and Technology	Habitats and Communities Overall Expectation 1
	Water's Journey (Part 1)	Web	8	Science and Technology	Water Systems Overall Expectations 2 / 3
<b>4.5 km</b>	Anna McCrea Public School	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
	Who was Anna McCrea?	Web	1	Social Studies	Our Changing Roles and Responsibilities A1
		Web	6	Social Studies	Communities in Canada, Past and Present A1
<b>Algoma University (On Route)</b>	From Chief Shingwauk's Teaching Wigwam to Algoma University	Web	1	Social Studies	The Local Community B1
		Web	7	History	Canada, 1800-1850: Conflict and Changes B1 / B2
		Web	8	History	Creating Canada, 1850-1890 A1 / A2 / A3
	Shingwauk University	Web	6	Social Studies	Communities in Canada, Past and Present A1 / A2 / A3
	Shingwauk Residential Schools Centre	Web	5	Social Studies	First Nations and Europeans in New France and Early Canada A1 / A2 / A3
		Web	8	History	Creating Canada, 1850-1890 A1 / A2 / A3
	Chapel and Cemetery	Web	1	Social Studies	The Local Community B1
		Web	6	Social Studies	Communities in Canada, Past and Present A1
	NORDIK Institute	Web	1	Social Studies	The Local Community
	Sault Ste. Marie Innovation Centre	Web	1	Social Studies	The Local Community

<b>5.0 km</b>	Chief Shingwauk	Both	7	History	Canada, 1800-1850: Conflict and Changes B1 / B2 / B3
	Chief Shingwauk: The Man	Web	7	History	Canada, 1800-1850: Conflict and Changes B1 / B2 / B3
	Chief Shingwauk and the War of 1812	Web	7	History	Canada, 1800-1850: Conflict and Changes B1 / B2 / B3
	Red Osier Dogwood	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 2 / 3
		Web	4	Science and Technology	Habitats and Communities Overall Expectations 1 / 2 / 3
<b>5.5 km</b>	Oregon to Texas	Both	6	Social Studies	Canada's Interactions with the Global Community B1
<b>6.0 km</b>	Holy Cross School	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	1	Social Studies	The Local Community B1
	Garlic Mustard	Web	6	Science and Technology	Biodiversity Overall Expectation 1
<b>6.5 km</b>	Fields and Homes	Both	4	Social Studies	Early Societies, 3000 BCE-1500 CE A2
<b>7.0 km</b>	Oil tanks	Both	1	Science and Technology	Energy in Our Lives Overall Expectations 1 / 2 / 3
		Both	5	Science and Technology	Conserving our Energy and Resources Overall Expectation 3
	Renewable Energy	Web	5	Science and Technology	Conserving our Energy and Resources Overall Expectation 1 / 3
<b>7.5 km</b>	Local Agriculture	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	5	Social Studies	First Nations and Europeans in New France and Early Canada A1 / A2

## **Sample Activities for East Neighbourhood**

### *Environmental Research Hub (3.0 km): Drawing*

Draw yourself as a scientist in a lab. If you could study any plant or animal, what would you choose? Why?

### *Algoma University: Quiz*

What does Algoma mean?

Answer: Valley of flowers.

### *Oregon to Texas (5.5 km): Timed travel*

How long does it take you to travel between Oregon and Texas? (We mean the streets, not the states!)

## Finn Hill

Wiggle along with Ginebig up the Finn Hill section of the Trail. Enjoy the quietness of maple, aspen, and oak trees as you venture toward the hustle and bustle of Sault College and the City’s landmark water tower. In this section you will climb 34m. That’s about the same as 44 stairs! Pace yourself so you can enjoy the view from the top.



NOTE: The incline between markers 9.5 km and 10.5 km is too steep to be accessed by wheelchair.

Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Expectation / Unit and Code
<b>8.0km</b>	Black Road and McNabb	Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	7	Geography	Physical Patterns in a Changing World A1
		Both	8	Geography	Global Settlement: Patterns and Sustainability A1 / A3
<b>8.5 km</b>	Changing Seasons at Finn Hill	Both	FDEL-KP	Science and Technology	Overall Expectation 1
		Both	1	Science and Technology	Daily and Seasonal Changes Overall Expectations 1 / 2 / 3
<b>J.S. Miller Trailhead (Side Route)</b>	J.S. Miller Trailhead	Web	1	Social Studies	The Local Community
		Web	5	Social Studies	The Role of Government and Responsible Citizenship
<b>9.0 km</b>	Who lives here?	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	4	Science and Technology	Habitats and Communities Overall Expectations 1 / 2 / 3
	Slugging Along the Trail	Web	2	Science and Technology	Growth and Changes in Animals 2.2



		Web	4	Science and Technology	Habitats and Communities Overall Expectations 1 / 2 / 3
		Web	4	Science and Technology	Light and Sound 3.5
		Web	6	Science and Technology	Biodiversity Overall Expectations 1 / 3
<b>9.5 km</b>	Erosion	Both	FDEL-KP	Science and Technology	Overall Expectation 1
		Both	3	Science and Technology	Forces Causing Movement 1.1
	Eastern White Pine	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 1 / 2 / 3
		Web	4	Science and Technology	Habitats and Communities Overall Expectations 1 / 2 / 3
<b>10.0 km</b>	Resting on the Rocks	Both	4	Science and Technology	Rocks and Minerals Overall Expectations 2 / 3
	Canada Yew	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 1 / 2 / 3
<b>10.5 km</b>	Huckson's Corners	Both	FDEL-KP	Math; Number Sense and Numeration	NS Overall Expectation 1
		Both	6	Social Studies	Communities in Canada, Past and Present A1
<b>11.0 km</b>	Sault College	Both	1	Social Studies	The Local Community
	Native Education Centre	Web	1	Social Studies	The Local Community
		Web	2	Social Studies	Changing Family and Community Traditions
	Algoma Public Health	Web	1	Social Studies	The Local Community
			5	Science and Technology	Human Organ Systems
<b>Water Tower (Side Route)</b>	Historic Water Tower	Both	8	Science and Technology	Water Systems 1.1 / 2.2

<b>11.5 km</b>	Regional Emergency Services	Both	1	Social Studies	The Local Community B1
		Both	1	Social Studies	Our Changing Roles and Responsibilities A1

### **Sample Activities for Finn Hill**

*Eastern White Pine (9.5 km): True or False*

Eastern white pines were once used to make the masts of tall navy ships.

Answer: True.

*Resting on the Rocks (10.0 km): Compare and contrast*

Compare the sandstone and granite. Which one is harder? What do they feel like?

*Huckson's Corner (10.5 km): Map activity*

A designation plaque marks the western edge of Huckson's Corners. Can you find it using the map?

## Northern Corridor

Experience the diversity of the Northern Corridor with Geezhik. Stand as still as a cedar tree and listen to the sounds of busy roads, bustling stores, quiet neighbourhoods, schools, the hospital, power lines, and nature. Look for Geezhik and his friends growing in neat rows around people’s lawns, or reaching high into the sky in wilderness areas.



Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Expectation / Unit and Code
12.0 km	At the crossroads	Both	1	Social Studies	The Local Community B1
12.5 km	Cedar’s many uses	Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	3	Science and Technology	Growth and Changes in Plants 1.1 / Overall Expectations 2 / 3.5
	Manhole covers	Web	1	Science and Technology	Materials, Objects, and Everyday Structures Overall 1 / 3
13.0 km	Sault Area Hospital	Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	5	Science and Technology	Human Organ Systems Overall Expectations 1 / 2 / 3
		Both	8	Science and Technology	Systems in Action Overall Expectations 1 / 2 / 3
	Your body and the environment	Web	5	Science and Technology	Human Organ Systems Overall Expectations 1 / 2 / 3
13.5 km	Behind the F.J. Davey Home	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	1	Social Studies	The Local Community B1
14.0 km	Home of many	Both	FDEL-KP	Personal and Social Development	Overall Expectation 3
		Both	1	Social Studies	The Local Community B1 / B2 / B3

<b>14.5 km</b>	The ravine	Both	FDEL-KP	Science and Technology	Overall Expectation 1
		Both	8	Science and Technology	Water Systems Overall Expectations 1 / 2 / 3
<b>15.0 km</b>	Power lines	Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	6	Science and Technology	Electricity and Electrical Devices Overall Expectation 1

### **Sample Activities for Northern Corridor**

*Cedar's many uses (12.5 km): Five senses*

What do cedar trees smell like?

*Cedar's many uses (12.5 km): Circle your answer*

Circle the four sacred medicines used by Indigenous peoples. Cedar, Tobacco, Birch, Sweet Grass, Sage

Answer: Cedar, Tobacco, Sweet Grass, Sage

*Behind the F.J. Davey Home (13.5 km): Think about it*

Have you ever sat and listened to an elder tell a story? They have many important lessons to share with us.

## Fort Creek

Leave the noise and busyness of the City behind as you journey through the beautiful Fort Creek Conservation Area. Keep your eyes and ears open for all the amazing creatures that live here, including hawks, great blue herons, and monarch butterflies. There are new things to see in every season! As you travel along the bridges, you might even see Cosette le castor peek out of her lodge to say hello.



Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Expectation / Unit and Code
<b>15.5 km</b>	A Wilderness within the City	Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	4	Science and Technology	Habitats and Communities Overall Expectations 2 / 3
		Both	6	Science and Technology	Biodiversity Overall Expectations 1 / 3
	Flora and fauna of the Area	Web	1	Science and Technology	Daily and Seasonal Changes Overall Expectations 1 / 2 / 3
		Web	4	Habitats and Communities	Overall Expectations 1 / 2 / 3
		Web	6	Science and Technology	Biodiversity Overall Expectations 1 / 3
<b>16.0 km</b>	Beavers and birch trees	Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	2	Science and Technology	Growth and Changes in Animals 1.1 / 1.2 / 3.3
	Birch syrup	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 1 / 2 / 3
<b>16.5 km</b>	The long bridge	Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	3	Science and Technology	Strong and Stable Structures Overall Expectations 1 / 2 / 3
	Engineering Fort Creek's Bridges	Web	1	Science and Technology	Materials, Objects and Everyday

					Structures Overall Expectations 1 / 3
		Web	3	Science and Technology	Strong and Stable Structures Overall Expectations 1 / 2 / 3
<b>17.0 km</b>	Hilly terrain	Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	7	Geography	Physical Patterns in a Changing World A1 / A2
<b>17.5 km</b>	Snails	Both	FDEL-KP	Science and Technology	Overall Expectation 3
		Both	2	Science and Technology	Growth and Changes in Animals Overall Expectations 1 / 2 / 3
		Both	7	Science and Technology	Interactions in the Environment Overall Expectations 1 / 2 / 3
	Mushrooms	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 1 / 2 / 3
	Larch Trees	Web	3	Science and Technology	Growth and Changes in Plants Overall Expectations 1 / 2 / 3
<b>18.0 km</b>	Fort Creek dam	Both	FDEL-KP	Science and Technology	Overall Expectation 1
		Both	FDEL-KP	Health and Physical Education	Overall Expectation 1
		Both	1	Science and Technology	Daily and Seasonal Changes Overall Expectations 1 / 2 / 3
		Both	2	Science and Technology	Air and Water in the Environment Overall Expectations 1 / 2 / 3
		Both	3	Science and Technology	Strong and Stable Structures Overall Expectations 1 / 2 / 3
		Both	7	Science and Technology	Form and Functions Overall Expectations 1 / 2
	Phragmites	Web	6	Science and Technology	Biodiversity Overall Expectation 1

## **Sample Activities for Fort Creek**

*Beavers and birch trees (16.0 km): Did you know?*

Beavers are very much like humans! They live in family groups; 2 parent, kits (newborns), and yearlings (babies from the previous spring).

*The long bridge (16.5 km): Observation*

Can you see any triangles in the structure of the bridge? Why are they important?

Answer: They distribute weight evenly, making the bridge stable.

*Snails (17.5 km): Drawing*

Draw or write out your own food chain. (Hint: vegetation → small animal → large animal)

## Carmen's Way

Fly along with Aamoo as he gives you the latest buzz about Carmen's Way! This corridor provides a window into the infrastructure, historic neighbourhoods, and industries that have shaped Sault Ste. Marie into the thriving City it is today. Aamoo will show you the busy rail and transport facilities, the streets of the French Quarter, the International Bridge and more. This section returns you to the Downtown Waterfront section of the Trail after marker 21.0 km.



Trail Marker	Location / Topic of Project Content	Trail Guide or Web	Grade	Subject	Unit
18.5 km	Carmen's Way Truck Route	Both	4	Social Studies	Political and Physical Regions of Canada
		Both	5	Social Studies	The Role of Government and Responsible Citizenship
19.0 km	Industries and Homes	Both	1	Social Studies	The Local Community
19.5 km	Intersections	Both	3	Social Studies	Living and Working in Ontario
		Both	3	Science and Technology	Forces Causing Movement
20.0 km	Le quartier français	Both	2	Social Studies	Changing Family and Community Traditions
		Both	6	Social Studies	Communities in Canada, Past and Present
	St. Jean Baptiste Day	Web	2	Social studies	Changing Family and Community Traditions
		Web	6	Social Studies	Communities in Canada, Past and Present
20.5 km	International Bridge	Both	6	Social Studies	Canada's Interactions with the Global Community
Little Italy	Little Italy and Hakkisen Mäki	Both	6	Social Studies	Communities in Canada, Past and



<b>(Side Route)</b>					Present
		Both	6	Social Studies	Canada's Interactions with the Global Community
		Both	8	History	Canada 1890-1914: A Changing Society
<b>21.0 km</b>	Canada-U.S. Border	Both	6	Social Studies	Canada's Interactions with the Global Community
<b>Mill Square (Side Route)</b>	From pulp and paper to Mill Square	Web	3	Social Studies	Living and Working in Ontario
		Web	6	Social Studies	Communities in Canada, Past and Present
		Web	8	History	Canada 1890-1914: A Changing Society
	Industry and Built Heritage	Web	FDEL-KP	Science and Technology	Overall Expectation 1
		Web	3	Science and Technology	Strong and Stable Structures
		Web	6	Social Studies	Communities in Canada, Past and Present

### **Sample Activities for Carmen's Way**

*Carmen's Way Truck Route (18.5 km): Observation*

What do you think the trucks are carrying? Where are they going?

*Le quartier français (20.0 km): Quiz*

How do you say hello in French?

Answer: Bonjour.

*International Bridge (20.5 km): Think about it*

Aamoo asks: Do you have any friends or relatives in Sault Michigan?

## Community Partners

Algoma District School Board  
Algoma Farmers' Market  
Algoma Public Health  
Algoma University  
Andrea Welz  
Art Gallery of Algoma  
Arts Council of Sault Ste. Marie and District  
Batchewana First Nation members  
Canadian Bushplane Heritage Centre  
Centre Francophone de Sault Ste. Marie  
City of Sault Ste. Marie Accessibility Office  
City of Sault Ste. Marie Municipal Heritage  
Committee  
City of Sault Ste. Marie Planning  
Department  
City of Sault Ste. Marie Recreation and  
Culture Department  
Conseil scolaire catholique du Nouvel-  
Ontario

Conseil scolaire public du Grand Nord de  
l'Ontario  
Corridors for Life  
Ermatinger-Clergue National Historic Site  
of Canada  
Garden River First Nation members  
Great Lakes Forestry Centre  
Huron-Superior Catholic District School  
Board  
Invasive Species Centre Canada  
Invasive Species Research institute  
Metis Nation of Ontario  
Mill Square  
Missinabie Cree First Nation  
Museum Ship Norgoma  
NORDIK Institute  
Ontario Forest Research Institute  
Sault College

Sault College Natural Environment and  
Outdoor Studies  
Sault Naturalists  
Sault Ste. Marie Canal National Historic  
Site of Canada  
Sault Ste. Marie Economic Development  
Corporation  
Sault Ste. Marie Indian Friendship Centre  
Sault Ste. Marie Innovation Centre  
Sault Ste. Marie Museum  
Sault Ste. Marie Public Library  
Sault Ste. Marie Region Conservation  
Authority  
Sault Trails Adovcacy Committee  
Shingwauk Kinoomaage Gamig  
Shingwauk Residential Schools Centre  
Tourism Sault Ste. Marie  
Voyageur Trail Association  
Workiva

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