

LONDON-MIDDLESEX
CHILDREN'S WATER FESTIVAL

2019 Teacher's Planning Guide



London
CANADA



Welcome!

Thank you for participating in the London-Middlesex Children's Water Festival

This planning guide helps teachers and students prepare for the Festival and aids teachers in developing this theme further in the classroom.

The Festival features 47 activity stations based around five themes: water conservation, water protection, water attitude, water science and water technology.

All activities:

- Connect to the curriculum in ways that help students to achieve the desired expectations (Science & Technology, Social Studies, Physical Education)
- Are designed to be as hands-on and experiential as possible in order to enhance and personalize the learning
- Provide for holistic learning in an environment that demonstrates the integration of people, phenomena and ideas
- Are geared to the interests, abilities, and special needs of learners
- Reflect the beliefs that guide education – accountability, quality, equity, partnerships, and a safe environment

Please check out our website at www.childrenswaterfestival.ca for more information including activity station descriptions and curriculum links.

Please like us on facebook!

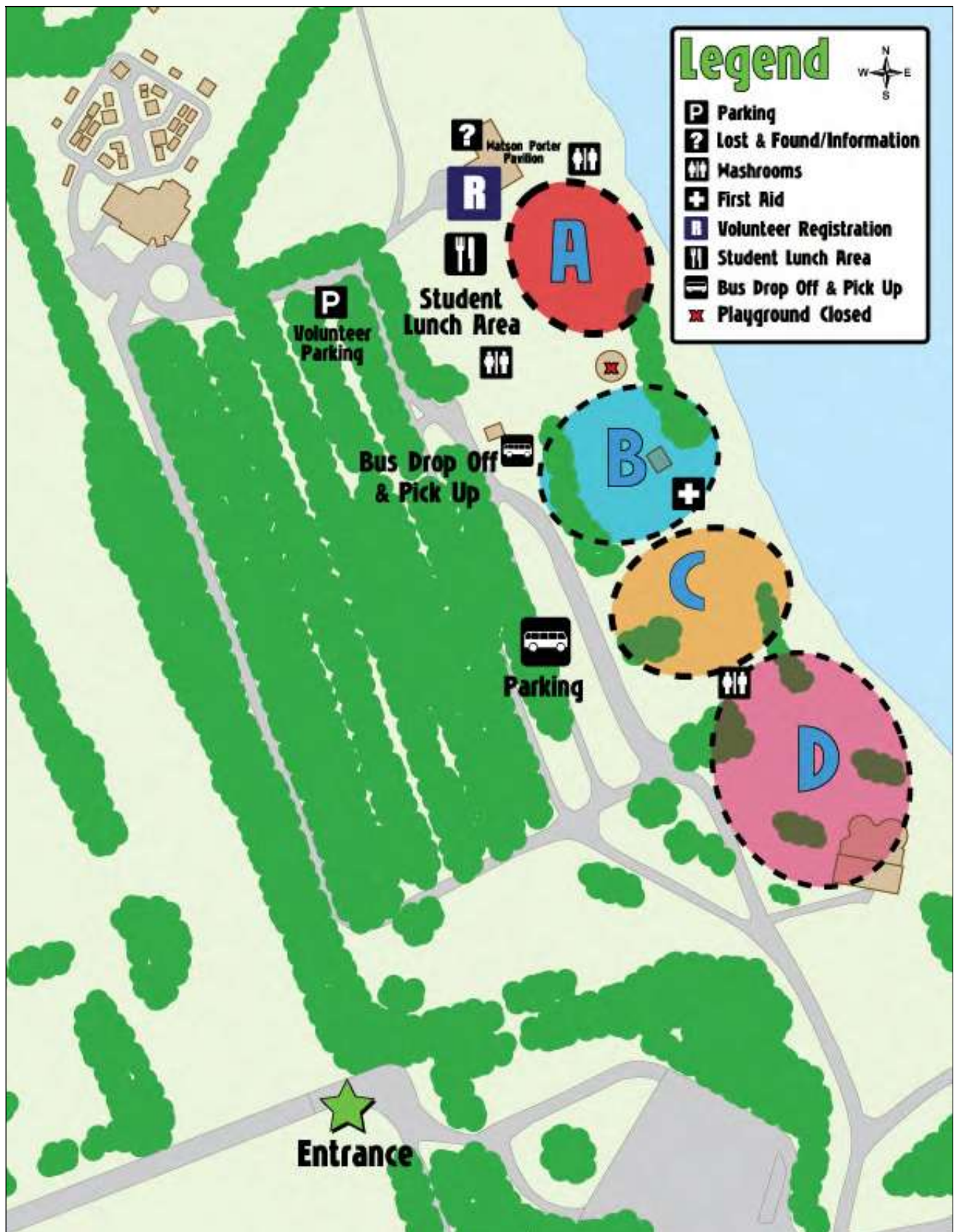
We hope you enjoy the festival and we look forward to receiving your evaluations.

Thank you for participating!



*The London-Middlesex Children's Water Festival
Organizing Committee*

Festival Site Map



Preparing for your Day



- ☐ Divide students into groups of 5–6 students. **Ensure that you have one adult supervisor per group.**
- ☐ Prepare copies of the Site Map/Festival Scheduler – one for each adult supervisor.
- ☐ Plan ahead by selecting activities that best suit your group's interests, as a guideline (it does not have to be followed exactly). Descriptions of the activity stations with curriculum links are online at www.childrenswaterfestival.ca
- ☐ Lunch period is from 11:30 am to 12:00 pm. Have students pack litter-less, nut-free lunches, which they will carry with them throughout the day. Students should bring filled water bottles.
- ☐ Teachers and adult supervisors are responsible for notifying the Festival Coordinator and photographers if they have a student(s) cannot be photographed. **Please draw a raindrop on the name tag of all students that cannot be photographed.**
- ☐ The Festival will be held rain or shine! Please come prepared with appropriate clothing, footwear and sunscreen if necessary.
- ☐ Please bring an accurate class list with the names of students and adults.

"What to Bring on the Day of Your Visit"

- ☐ **Appropriate Clothing** for the weather
- ☐ **Lunch and a Water Bottle**
- ☐ **Name Tags** for each student, teacher and adult supervisor (with rain drops on those who cannot be photographed).
- ☐ **One Class List**
- ☐ **Site Maps/Scheduler** for each supervisor

On the Day of your Visit

- Your bus will pick up your students at 9:10 am (unless you have requested a later pickup)
- Enter through the back gate at the end of **Fanshawe Park Road** (not off Clarke Road).
- Upon arrival, a greeter will board your bus, outline information about the day and direct the bus to the drop off area.
- Advise adult supervisors that they are responsible for the behaviour of their group during their visit. Students must be accompanied by an adult at all times.
- Lunch is from 11:30 am to 12:00 pm. All activities are closed during lunch.
- Volunteers are wearing green or navy blue Water Festival t-shirts. Should questions arise, feel free to ask any volunteer, they will be happy to assist you.
- **First Aid Station** is located in Area B near the shelter.
- **Lost & Found** is located at Volunteer Registration (Watson Porter Pavilion).
- At 1:25 pm the Festival ends and all activities close. Promptly meet the rest of your class at your school sign in the bus departure area. **Volunteers will lead you to your bus when all the students from your school are together at your school sign.** Please do not go to your bus on your own.

Festival Itinerary

Time	Action	Things to Remember
9:10 am	Buses arrive at schools to pick up classes	<ul style="list-style-type: none"> • Be ready rain or shine!
9:30 - 10:00 am	Buses arrive at the Festival	<ul style="list-style-type: none"> • Organize students in their groups • Head to activity stations
9:30 - 11:30 am	Activity Stations	<ul style="list-style-type: none"> • Adult supervisors are responsible for the conduct of students in their groups at all times
11:30 am – 12:00 pm	Lunch	<ul style="list-style-type: none"> • Activities will be closed during lunch • See the site map for the designated lunch area
12:00 - 1:25 pm	Activity Stations	<ul style="list-style-type: none"> • Refer to morning Activity Stations section
1:25 - 1:45 pm	Departure	<ul style="list-style-type: none"> • Activity stations close at 1:25 pm • Move promptly to the departure area and find your school sign



Cancellation Policies and Basic Safety Rules

- Please ensure children stay in their groups and are accompanied by an adult at all times (including washroom breaks and lunch).
- Teachers/adult supervisors are to be fully aware of any medical conditions and/or allergies within their group.
- First Aid is available in Area B near the shelter (refer to site map, page 3). The entire group and the adult supervisor must go together to the station.
- In the event of a serious health or accident emergency, contact the nearest Festival volunteer who will ensure 911 is called. The on-site First Aider will be deployed immediately.
- If a child becomes separated from his or her group, he/she will be accompanied to the Volunteer Registration Area (refer to site map, page 3). A Safety Committee Member will ensure that the child is reunited with their group.
- Should a child go missing, please let a volunteer know immediately with the child's description. Our search procedures and safety protocol will then be set in motion.
- We request that participants do not bring two-way radios as they interfere with the Festival's communication lines.
- Fanshawe Reservoir is off limits and unsupervised.
- Fanshawe Conservation Area will be open to the public during the Festival. Please notify Organizing Committee members if you notice any suspicious persons within the Festival area.
- In the event of sudden severe weather, Festival Organizing Committee members will direct you to the buses to be used as shelter during severe weather.
- Cancellation Policy – if unsafe weather develops such that the Festival is cancelled before you arrive at the Festival, the Safety Committee will notify the bus company and each school before 8:30 am. If the Festival is cancelled due to severe weather, refunds will be issued but a \$1/student administration fee will be retained.
- If a teacher chooses to cancel after April 26, no refunds will be issued.

Festival Scheduler

Please check off the activity stations you would like your students to visit, (activity station descriptions and curriculum links are online at www.childrenswaterfestival.ca).

Plan to visit activity stations in random order.

Area A		Area B	
	Down the Drain or Not		Drop in the Bucket
	Eco-Footprint		Farm Grow Bingo
	Lather Up		Farmer and the Fish
	Microplastics: A Mega Problem		Moo's Thirsty
	Mother Earth Water Walkers		Power to the People
	Perfect Pipelines		Rollin' Through the Shed
	Simply Divine		Royal Flush
	Stop the Fatbergs		Soak It Up
	Three Times a Day		Soil Defenders
	Treating Trash		Urban Stew
	Weighing our Choices		Water Bodies
	Well Drill It		Water for the World
	Wise Water Use		We use that Much?

Area C		Area D	
	A-maze-ing Water Treatment		Alien Invasion
	Benthic Watch		Back to the River
	Eagle Survivor		Beach Postings
	From Machine to Clean		Be Water Smart
	Go Fish!		BioBlitz
	Good, Better, GREAT Lakes!		D.O. the Limbo
	Life in a Watery World		Floody Waters
	Off I Go		Shapin' The Shed ***
	Toxic Tiny town		Watery Words
	Water Cycle Tag		
	Water for Everyone		
	Well Sealed		

Stations highlighted in blue are new to the London-Middlesex Festival

***Shapin' the Shed requires groups to sign up at the station upon arrival



Making the Most of the Festival

Preparing Students for the Festival and Pre-lesson Plan Ideas

- Discuss the purpose of the field trip to the festival and how it will relate to the current unit(s) of study.
- Introduce potentially new vocabulary words that will be used at the festival (i.e. invasive species, aquatics, watershed, water cycle).
- As a class brainstorm a set of standards of conduct for the trip and discuss the festival site, lunch plans, appropriate clothing to wear for the trip including gear for rainy weather.
- Discuss with students how to ask good questions and brainstorm a list of open-ended observation questions to gather information during their visit. Record questions on chart paper or in student field trip journals.
- Assign student groups "specialists" roles in one water theme (e.g. attitude, science, conservation, preservation and technology) that they will be learning about. Encourage students to share observations, make sketches and take notes about what they learned about their theme during the festival. The parent leaders can help with this.

Debriefing after the Festival and Post Lesson Plan Ideas

- Provide time for students to share general observations and reactions to their field trip experience. Have student group "specialist" share specific observations or information they learned about their water theme while at the festival.
- Link field trip stations to multiple curricular areas. For example, students can develop vocabulary lists based on field trip observations; record field trip observations in a classroom journal; create a bulletin board about their experiences etc.
- Create a short news report about what happened on the field trip. Publicize the trip via an article in your local newspaper, school bulletin board, trip presentation for parent's night, or class web page.
- Have each student complete the "student evaluation" sheet attached. Encourage them to include favorite objects or special information learned during the field trip.



Additional Water Resources

Resources for Teachers

NAME	WEB SITE
Canadian Geographic	www.canadiangeographic.com/watersheds/map/?path=english/learning-resources-list
Children's Water Education Council	www.cwec.ca
Ducks Unlimited	www.ducks.ca
Earth Day Canada	www.earthday.ca
Environment and Climate Change Canada	www.canada.ca/en/environment-climate-change.html
Groundwater Foundation	www.groundwater.org
Ministry of the Environment, Conservation and Parks	https://www.ontario.ca/page/ministry-environment-conservation-parks
National Science Foundation	www.nsf.gov
Ontario Groundwater Association	www.ogwa.ca
Project Wet	www.discoverwater.org
Stream of Dreams	thamesriver.on.ca/wp-content/uploads/CommunityEducation/StreamofDreams-flyer.pdf
TD Friends of the Environment Foundation	fef.td.com/resources/
The Water Project	thewaterproject.org/resources/
U.S. Environmental Protection Agency	www.epa.gov
Upper Thames River Conservation Authority	www.thamesriver.on.ca

Resources for Students

NAME	WEB SITE
American Water Works Association	https://drinktap.org/Kids-Place
Ecokids	https://earthday.ca/ecokids/
Ontario Parks	www.campsite24.ca
U.S. Environmental Protection Agency	www.epa.gov/watersense/watersense-kids
Water Education Foundation	www.watereducation.org
Water Use it Wisely	https://wateruseitwisely.com/kids-activities-and-water-facts/



Teacher Evaluation

Thank you for participating in the 2019 Children's Water Festival!

Please help us improve future festivals by completing the evaluation form online at: <https://tinyurl.com/CWF2019TeacherEvaluation>

Or print and return to: 1424 Clarke Rd, London, ON, N5V 5B9, Fax: 519-451-1188

Did you enjoy the Children's Water Festival? Yes ☐ No ☐

Did you attend the Teacher Orientation Session? Yes ☐ No ☐

If yes, please comment on the format and information provided:

Was the "Planning Guide for Teachers" informative and helpful? Yes ☐ No ☐

Do you feel the Festival activities complement the curriculum? Yes ☐ No ☐

Did your students enjoy their participation in the Festival? Yes ☐ No ☐

What has their feedback been to you?

Would you bring your class to a future Festival? Yes ☐ No ☐

How would you characterize the activities in relation to your students' learning level?

Too high ☐ Just right ☐ Below ☐

Please rate the activity station presenters.

Poor ☐ Fair ☐ Good ☐ Excellent ☐

Did any of the presenters stand out? _____

What is the best way, in the future, to let you know that the Festival is open for registration?

Email from Festival Coordinator ☐

Online - childrenswaterfestival.ca ☐

Email from School Board ☐

Facebook Page ☐

Any general comments:

School name: _____ Grade : _____

Date of visit: _____



Student Evaluation

What I liked about the 2019 Children's Water Festival:

School name: _____ Grade: _____

Date of visit: _____

Please mail to:
Water Festival Coordinator
c/o Upper Thames River Conservation Authority
1424 Clarke Road, London, ON N5V 5B9



CHILDREN'S WATER FESTIVAL

Organizing Committee

City of London

**General Motors of Canada Company
– CAMI Assembly Plant**

Kettle Creek Conservation Authority

**Lake Huron and Elgin Area
Primary Water Supply Systems**

London Children's Museum

London District Catholic School Board

Middlesex-London Health Unit

**Ministry of the Environment,
Conservation and Parks**

Ontario Clean Water Agency

Ontario Federation of Agriculture

Thames Valley District School Board

Toyota Motor Manufacturing Canada

Upper Thames River Conservation Authority

Western Earth Sciences

YMCA of Southwestern Ontario

Planning begins 6-8 months prior to the Festival and involves representatives from the following organizations. It's the hard work and dedication of these individuals which make the Festival a success!



CHILDREN'S WATER FESTIVAL Sponsors

Great Lakes:



Watershed:



River:



Stream:

Fanshawe Golf Course
 Ilderton Lions Club
 London Children's Museum
 London District Catholic School Board
 London Soil Test Ltd.
 Marshall's Pasta Mill
 Middlesex Federation of Agriculture
 Spectrum Communications
 Spriet Associates

Thank you to all of our generous sponsors!

The Success of the Festival depends on strong community partnerships and charitable contributions.
We wish to thank all supporters!