



LONDON-MIDDLESEX
CHILDREN'S WATER FESTIVAL

2016

Teacher's Planning Guide



London
CANADA



TD Friends of the
Environment
Foundation



UPPER THAMES RIVER
CONSERVATION AUTHORITY



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 48 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.**
- Inform students to dress for the weather. The Festival is rain or shine!
- Prepare copies of the Site Map/Festival Scheduler – one for each adult supervisors.
- 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 or 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 two accurate class lists with the names of students and adults. A copy of this list must be provided to the bus greeter.

“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.
- Two Class Lists**
- Site Maps/Scheduler** for each supervisor

On the Day of your Visit

- Enter through the 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. You will return to this area at the end of the day for departure.
- 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 yellow or black 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 near the Volunteer Registration building.
- **Lost & Found** is located at Volunteer Registration.
- At 1:15 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.

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 • Start each group from a different location
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 - 1:15 pm	Activity Stations	<ul style="list-style-type: none"> • Refer to morning Activity Stations section
1:15 - 1:30 pm	Departure	<ul style="list-style-type: none"> • Activity stations close at 1:15 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 A near the volunteer registration building (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 located at the Watson Porter Pavilion (refer to site map, page 3). A Safety Committee Member will ensure that the child is reunited with their group.
- 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 29th, no refunds will be issued.

Festival Scheduler

Please check off the top 10 activity stations you would like your students to visit, although groups will likely visit more (activity station descriptions are online at www.childrenswaterfestival.ca). Plan to visit activity stations in random order.

Area A (15)		Area B (14)	
	Alien Invasion		Barn Door Bingo
	Down the Drain		Benthic Watch
	Drain F.R.O.G		Eagle Survivor
	Drop in the Bucket		How Does Your Garden Grow?
	Eco Footprint		Power to the People
	Lather Up		Rollin' Through the Shed
	Leave Your Mark		Royal Flush
	Mother Earth Water Walkers		Slippery Slopes
	No Water Off a Duck's Back		Stream of Dreams **
	Treating Trash		Three Times a Day
	Where Our Water Comes From		Watering the Animals
	Water Cycle Tag		Man It's Hot Out There!
	Water In, Water Out		We Are Water
	Conservation Station		Wise Water Use
	Watery Words Poetry		
Area C (12)		Area D (7)	
	Be Water Smart		A-Maze-ing Water Treatment
	D.O. the Limbo		Good, Better, GREAT Lakes
	From Machine to Clean		Life in a Watery World
	Go Fish!		Rockn' Soil
	Livable City		Water for the World
	Mussel Madness		Well Drill It
	Off I Go		What's Under Your Feet?
	Tiny Toxic Town		** You will need to register at this station when you arrive. It will run at 10:00 am, 10:45 am, 12:00 am & 12:40 pm and are ~30 min. in duration. Max. 24 people.
	Urban Stew		
	Water For Everyone		
	Weighing Our Choices		
	We Use That Much		



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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.
- Have students submit a Water Poem to the festival's water poetry contest. Encourage students to be creative, add artwork and get excited for the festival. Students will be able to re-visit their poetry skills at the "Watery Words Poetry" station at the festival.

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.
- Check out the resources provided to your school by the festival. These materials are meant to aid you in bringing the festival back to your classroom! The Invasive Species Kit has fabulous links to the Grade 4 Science Curriculum. The Every Drop Counts book is a wonderful resource that will allow the students to reflect on water conservation and preservation and what they can do as individuals. The 3 in 1 Lens Kit will fit on any smartphone/tablet and was included to encourage you to take your students outside and examine the natural world!



Additional Water Resources

Resources for Teachers

NAME	WEB SITE
Children's Water Education Council	www.cwec.ca
National Science Foundation	www.nsf.gov
Environment Canada	www.ec.gc.ca/education/default.asp?lang=En&n=D3D10112-1
Green Street	www.green-street.ca
Ducks Unlimited	www.ducks.ca
WaterCan Program	www.watercan.com
Water Educational Material	www.cdli.ca/CITE/water.htm
Ontario Groundwater Association	www.ogwa.ca
U.S. Environmental Protection Agency	www.epa.gov
Groundwater Foundation	www.groundwater.org
TD Friends of the Environment Foundation	fef.td.com/resources/
Ministry of the Environment	www.ene.gov.on.ca/environment/en/category/water/index.htm
The Water Project	thewaterproject.org/resources/
Upper Thames River Conservation Authority	www.thamesriver.on.ca

Resources for Students

NAME	WEB SITE
Ontario Parks	www.campsite24.ca
Great Lakes Information Network	www.great-lakes.net/teach/
U.S. Environmental Protection Agency	www.epa.gov/OW/kids.html
Ecokids	www.ecokids.ca/pub/eco_info/browse_topics/science_nature.cfm#
Water Education Foundation	www.watereducation.org
Walkerton Clean Water Centre	www.wcwc.ca/AnimatedDemo/index.html
American Water Works Association	www.drinktap.org



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Student Evaluation

What I liked about the 2016 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



LONDON-MIDDLESEX WATER FESTIVAL

Organizing Committee Members

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