



Haliburton-Muskoka-Kawartha

children's water festival

2023~ Parents' Planning Guide

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"Living, Learning, Growing"





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Youth Leadership in Sustainability class (Kawartha Pine Ridge DSB)
U-Links Centre for Community Research
Water Depot ~ Minden

... Thank You !

...and great supervising volunteers such as you ~
Thank You !

Welcome, Parent/Adult Volunteers !

The Haliburton-Muskoka-Kawartha Children's Water Festival motivates students to become water stewards in their classrooms and communities. With hands-on, interactive activities combined with messages relevant to their daily lives, students 'soak up' knowledge on the properties, uses, connections and importance of water. With this knowledge, students become aware of the value of conserving and protecting water. Thank you for taking on a vital role in the Festivals' and students success !

Activities at the Festival are grouped into five theme areas, as follows:

Water Conservation

- Using water wisely in our homes, schools and communities.

Water Attitudes

- Introduction to historical uses of water compared with present uses.
- Exploration of common attitudes toward water and ways to promote an appreciation of water as a natural resource.

Water Technology

- Role of water in energy production.
- Examine how water is treated, stored and distributed.

Water Protection

- Examination of the interdependence of soil, air, water, plants, animals and people.
- Consideration given to the positive steps we can take to keep water clean.

Water Science

- Introduction to the physical science of surface water and ground water.
- Introduction to the hydrological cycle.
- Exploration of the role of water quality and quantity to aquatic life.

Getting Ready for the Festival

- Read through this information guide so you know what to expect at the Festival. If you have questions or concerns, discuss them with the teacher prior to the Festival.
- We ask schools to provide one adult supervisor for each group of 5-7 students.
- Discuss the Festival and the role of adult supervisors with the teacher.
- **Any students who are not to be photographed, videoed or interviewed should be known by the adult supervisor. If you do not know, please ask the teacher. You should have a list of full names of the students in your group provided by your teacher.**
- Familiarize yourself with the activity centre location map found on page 7. Activity Centres will have location signs associated with them.
- You won't need to be an expert on water for your visit, but if you are curious, several excellent web sites are listed on the final pages of this guide.

- Please bring a “litterless lunch” and/or “litterless snacks”. **There is no place to purchase food at the Kinark Outdoor Centre.**

A suggested Parent/Helper Survival Kit:

- clipboard
- pen or pencil
- large zip-lock baggie
- pocket full of tissues
- your own backpack (lightly loaded!)
- sunscreen / rain-wear

On the Day of the Festival:

1. The Festival will be held rain or shine. Check the weather report and dress appropriately. The site may be wet in places, so **comfortable, waterproof footwear** is a good idea! **Bring your lunch.** Parent helpers and the children they are supervising are not to leave the Kinark Outdoor Centre during the school’s visit to the Festival.
2. If you are meeting your school at the site please minimize vehicles in the limited parking area and help reduce our carbon-footprint by car-pooling with others from your school. Identify yourself to parking attendants on arrival as a parent helper and park where directed. Kinark Outdoor Centre is 1766 Queens Line, in Minden Hills township. Arriving 9:15-9:30 if not following your school’s bus is recommended.
3. Proceed to the registration/welcoming area (Nova Centre) – **DO NOT wait in the parking lot.** When your school’s bus arrives the group will be greeted by a Festival volunteer and brought to the school’s assigned area in the lunch tent area.
4. Instructions / changes to activity centre availability etc. for the day will be communicated to your whole school at the registration/welcoming area or by the Festival volunteer marshalling you to the school’s designated area at the lunch tent.
5. **NO STUDENTS ARE TO BE LEFT AT ANY TIME, ANYWHERE ON SITE, WITHOUT ADULT SUPERVISION. You must keep your group together at all times.** No student should be removed from site prior to the group departure without your teacher in charge knowing in advance.
6. If your teacher has identified a specific centre to visit first and may suggest others to include in the different areas of the grounds. **PLEASE** feel free to take advantage of all of the centres, be flexible to go to available ones nearby and visit more than may be listed by your teacher if time allows.
7. With the possibility of media coverage at the Festival, adult supervisors need to be aware of any students who are not to be photographed or interviewed. Proper name spellings of students able to be photographed or interviewed should also be available. **Please ensure that you know of students whose parents/guardians have not consented to photographs, video, etc. through the school board.**
8. A great deal of volunteer time and effort has been spent organizing the Festival for the benefit of your child and their classmates, thanks for joining this community of support !
9. In the event of an emergency, contact any Festival volunteer. Festival organizers have 2 way radios and one radio is permanently located at the Registration area. If you need to contact your classroom teacher, messages will be transmitted via the organizers. Festival staff and volunteers can be identified by blue bibs (pinnies) which have a white Haliburton-Muskoka-

Kawartha Children’s Festival logo on the front. Festival Organizers will be wearing bright green bibs (pinnies) with the HMK Children’s logo on the front.

- l0. At the end of the day, before loading the bus, you will meet in your designated location under the lunch tent in order for the classroom teacher to do a head count. Parent helpers should not leave the site until the teacher has signalled that your group is in their care. A Festival volunteer will lead the collected group to the bus location for boarding.
- ll. Lost and found items can be brought to the registration area at the Nova Centre. If there are items remaining at the end of the Festival, they will be taken home with the Festival Coordinator for a limited amount of time (2 weeks). Please contact Kara Mitchell, Festival coordinator, at (705) 471-0272 or splash@waterheroes.ca if there are items you are missing.

Feel free to participate in the activities along with your group. Your participation will encourage them to explore the activities, and everyone (including you) will learn a lot more from the visit.

Enjoy your visit to the Haliburton-Muskoka-Kawartha Children’s Water Festival! We welcome your feedback through a short survey found at "The Soap Box". Please let us know how you enjoyed your visit and how you think we can improve the Festival for future years.

More details about the Festival can be found at our website at www.hmwaterfestival.ca.

Thematic Overview of Activity Centres

All of the activity centres listed below are accessible to all children at the Festival.

For the purpose of assisting teachers in planning their itinerary, we have grouped the activity centres into five themes, encoded below. We recognize that many of the activities could belong to several or all of the five themes and have identified one predominant theme to facilitate the focus or diversity of the itinerary.

For most activity centres, we have attempted to include the most relevant learning expectations from the Ontario Curriculum which has been provided to teachers in the HMK Children's Water Festival Teacher's Planning Guide or can be found at our website, www.hmwaterfestival.ca.

WC: Water Conservation **WA:** Water Attitudes **WT:** Water Technology **WP:** Water Protection **WS:** Water Science
CC: Climate Change

Activity Centre	Theme	Location	Map #
Atlantic Salmon Loss and Restoration	WP & WS	The Pines	32
Algonquin Highlands Fire Service	WT	Eagle’s Nest (Outside, bball courts)	23
Beaver Fever	WP	The Pines -The Challenge Course	29
Blooming Jeopardy	WP	The Pines	36
Bugs in the Mud	WS	Waterfront (Under Open Shelter)	7
Creeks and Critters *	WP	Waterfront	9
Earth in the Balance	WP	Baseball Diamond / Dining Hall Field	13
Froggy ... You are Outta There!	WP	Baseball Diamond Field	22
Haliburton Fire Crew	WT	Waterfront	6

Activity Centre	Theme	Location	Map #
How Wet is Our Planet?	WS	Waterfront (Under Open Shelter)	8
It's a Trout's Life	WP	Waterfront	2
Just Dam It!	WP	Waterfront (craft cabin porch)	1
Lather Up!	WC	The Pines	33
Migration Headache (2 Groups @ once)	WP	Baseball Diamond Field	35
Ontario Provincial Police Marine Unit	WA	Down Rd from Eagle's Nest	19
Osprey Survivor	WS	Below Dining Hall (Outside)	16
Peat's in a Bog !	WS & CC	Eagle's Nest	24
Pioneer Water Race *	WA	The Pines	34
Polar Melt Down!	WP & CC	Eagle's Nest (Inside Upper Level)	27
Reign in Garbage! (model)	WP	Eagle's Nest (Inside Upper Level)	24
River Race	WP & WA	Field below Dining Hall	18
Rolling Through the Shed	WP	Baseball Diamond (Hill Beside)	15
Round You Go, H ₂ O!	WS	Waterfront	3
Shoreline Do's & Don'ts *	WP	Eagle's Nest (back porch)	28
Stream Savers	WP	The Pines	37
Surprise Activity - Grade 8 Students led		To be determined	38
The Great Swim Off	WP	Waterfront	5
The Power of Water	WT	Behind Dining Hall (Under Shelter)	12
Tread Lightly *	WA & WP	By Dining Hall	11
Turtle Guardians	WP	Dining Hall (downstairs)	18
Turtle Trauma	WP	The Pines	21
Unwelcomed Guests	WP	Baseball Diamond Field	20
Up on the Watershed	WA & CC	The Pines	31
Wash Out!	WA	Waterfront	30
Water Hero Scavenger Hunt	WA & WC	Throughout Festival Grounds, Finish at Water Hero Headquarters	16
Water Runs Downhill	WS	Eagle's Nest (/ Infront of)	26
Water Storybook Walk *	WP	On trail between Field and road to waterfront	10
What's Coming?	WS	Baseball Diamond (top of Hill Beside)	14
Wonderful Wetlands	WP	Waterfront	4
*May be run as a self-guided activity "tbc"= to be confirmed			

(an updated Activity Centres map for the 2023 Festival will be sent to teachers and posted here within 2 weeks of Oct. 5th and posted from our website, thanks for your patience as we confirm some details)

Websites of Interest

This is a listing of some of the websites provided to the teachers as resource sites. You may find them useful as well. There is a great deal of information on water in these sites, which may help you prepare for your day(s) at the Haliburton-Muskoka-Kawartha Children's Water Festival. Don't panic – you aren't expected to do this! These are just resources for your information.

Our own waterheroes.ca website has information and activities that are oriented to families and children.

- **Freshwater Website – Environment Canada**
<http://www.ec.gc.ca/water/index.htm>
Contains information about the nature of water and management. Site has good teacher's corner and a large list of publications.
- **Great Lakes Information Network**
<http://www.great-lakes.net>
Information about life in and around the Great Lakes. Teacher resources provide quizzes, mini lessons on Great Lake topics. U.S and Canadian partnership.
- **Envirozine – Environment Canada's Online Newsletter**
http://www.collectionscanada.gc.ca/eppp-archive/100/202/301/science_environ-e/html/2001/07-08/home_e.cfm.html
Discusses different environmental issues each week

- **Canadian Water Resources Association**
<http://www.cwra.org> An organization for individuals and organizations interested in the management of Canadian waters.
- **Adopt-A-Pond**
<http://www.torontozoo.com/adoptapond/>
A wetland conservation program operating out of the Toronto Zoo that allows people and groups to adopt a pond.
- **Otonabee Region Conservation Services**
<http://www.otonabee.com>
- **Peterborough Utilities Services**
<http://www.puc.org>
- **Waterfront Regeneration Trust**
<http://www.waterfronttrail.org>
A southern Ontario ENGO that organizes projects designed to enhance the Lake Ontario shoreline on the Canadian side.
- **Ontario Clean Water Agency**
<http://www.ocwa.com>
- **Lifewater Canada**
<http://www.lifewater.ca>
Donations and volunteering overseas on water-based projects.
- **Watershed Science Centre**
<http://www.trentu.ca/wsc>
Information about watershed research.

- **Water – Ministry of the Environment**
<http://www.ene.gov.on.ca/water.htm>
Information on various water-related issues, including wells, conservation, drinking water monitoring, the Great Lakes and more.
- **Project Wet**
<http://hctfeducation.ca/product/project-wet/>
A Canadian program to promote the appreciation and knowledge of water resources in the classroom.
- **Water Survey of Canada**
<http://www.ec.gc.ca/rhc-wsc/>
National water quantity survey. Looks at water-related issues facing various provinces
- **Water Environmental Association of Ontario**
<http://www.weao.org>
An organization for technical and professional individuals.
- **U.S Environmental Protection Agency**
<http://www.epa.gov/kids> or <http://www.epa.gov/teachers>
Kids' site has online activities. Teachers' site has information such as curriculum ideas and other links.
- **Waterweb**
<http://www.waterweb.org>
A consortium listing water-related and environmental websites in Canada and internationally.
- **University of Wisconsin Extension Programs, Environmental Resources Education Site**
<http://www.uwex.edu/erc/ywc>
Educating Young People About Water. Has links to curriculum materials and ideas.
- **The Groundwater Foundation (USA)**
<http://www.groundwater.org/>
Site for kids with activities and info.
- **Water Science for Schools, U.S Geological Survey**
<http://education.usgs.gov/>
General information for kids and teachers, as well as online activities.
- **American Water Works Association**
<http://www.awwa.org>
- **Great Lake Information Management**
<https://www.ec.gc.ca/grandslacs-greatlakes/default.asp?lang=En&n=BB02C773-1>
Resource - Kids resources
- **Canada's Aquatic Environments**
<http://www.aquatic.uoguelph.ca>
Promotes awareness of aquatic ecosystems
- **Ducks Unlimited Canada**
<http://www.ducks.ca/>
- **Canadian Centre for Inland Waters- Water research in the Great Lakes**
<https://www.ec.gc.ca/inre-nwri/>
- **RiverSides Stewardship Alliance-Acts to facilitate behavioural attitudes**
<http://www.riversides.org>
- **Ontario Streams-Stream restoration information and education.** <http://ontariostreams.on.ca>

- **The Veins of Life Watershed Society**
Environmental Education and Outreach activities
<http://www.salishsea.ca/>
- **Conservation Ontario- Network of 38 conservation Authorities**
<http://www.conservation-ontario.on.ca>
- **Ontario Ministry of Natural Resources- Water Management and planning**
<http://www.mnr.gov.on.ca/mnr/water>
- **Water Environment Federation - Dedicated to water preservation and enhancement**
<http://www.wef.org/awk/default.aspx>
- **Water Use It Wisely**
<http://www.wateruseitwisely.com/game>
Incorporates water conservation tips into a memory game