

**BUILD YOUR OWN PROGRAM:** Secondary teachers have the opportunity to choose programs and plan a day that connects with their classroom learning. (\*Activities marked with an asterisk are included in every trip).

Activity	Description	Duration
*What is an Environmental Organization?	Have you ever wondered what environmental organizations are all about? This 30 minute presentation will help students understand the importance of environmental organizations and how they operate.	30 minutes
*I Have... Who Has?	Students will learn key terms in a fun interactive activity involving the entire class. A great activity to challenge their communication and listening skills.	15 minutes
*Discovering Fish, Wildlife and our Heritage	Want more than just a tour? Our interactive tour will keep students on their toes asking questions and making connections.	45 minutes
Water Quality Testing	What's in the water? Students will determine and compare the water quality of a variety of samples. Students will examine pH, dissolved oxygen, nitrate and phosphate levels, as well as the temperature in each sample.	45 minutes to 1 hour
Fish Population Study	Cast your line out and see what you bring back in! Learn how to weigh, measure and identify different species of fish and evaluate the importance of sampling wildlife.	45 minutes to 1 hour
Pond Study	Who's swimming in the water? Students will test their identification skills by examining macroinvertebrates in the pond using a variety of tools including dichotomous keys.	45 minutes to 1 hour
Invasive Species Case Study	Who doesn't belong here? Learn about different invasive species and how they are affecting native plant, animal and fish species. Learn about their introduction to Ontario, their ecology and what you can do to help stop their spread.	30 to 45 minutes
Extirpated Species Case Study	Where have all the Atlantic Salmon, Elk and Wild Turkey gone? Learn how these animals were extirpated from Ontario, and how they have been brought back, thanks to the efforts of anglers and hunters.	30 minutes
H.I.P.P.O.	No, not the animal. H.I.P.P.O. stands for the 5 main contributors to the loss of biodiversity in the world! Learn what these contributors are and what we can do to help stop species loss so that we can strive for a balanced, healthy ecosystem in Ontario, and around the world.	30 minutes
CSSP Case Study	Streams and rivers support a variety of different species. Learn the ways in which you and your community can help restore these habitats and conserve them for the future.	30 minutes
BBC Life: Plants	Find plants boring? <i>BBC Life</i> brings plants to life! Through a dynamic documentary, narrated by David Attenborough, <i>BBC Life</i> shows how plants grow and fight to survive in the vast forest ecosystems of the world.	30 minutes
Geo-caching Scavenger Hunt	Technology is great, but it's even better when you can use it OUTDOORS! Students will be sent on a scavenger hunt using GPS units in order to solve a mysterious puzzle!	45 minutes to 1 hour
Plant Quadrant Sampling	With a wetland in our backyard here at the Heritage Centre, students will identify a variety of plant species by examining sample quadrants. They will also learn about the different interactions between these plants and the wildlife living in the wetland area.	30 -45 minutes
Act of Green Pledge	Reflecting back on the day, students will be challenged to make a pledge of one action they can take to help make the world a healthy place for all living things.	15 minutes