



4-H₂O 2016



Ithaca Water Kid

A free program series with the Community Science Institute

Water and the Physics of Life on Earth

Seventy-percent of Earth's surface is water, and wherever you can find water, you can find life. That's why NASA's motto in the hunt for extraterrestrial life has been "follow the water." But why is that? Join us for some hands-on K-5 activities that demonstrate the mysterious physical properties of water that make it possible for life to live here on earth.

Saturday March 12, 2016
Saturday November 12, 2016

2 pm – 3 pm

Geocaching and Water Chemistry at Stewart Park

Join us for a great sampling adventure. We'll be collecting water samples that will contribute to the Community Science Institute's public database of water quality in our area and we'll Geocache our way to our sampling locations. Who knows what else we'll find there! We'll learn how to use chemistry to test for 3 different water quality parameters (and learn what a parameter is!) and maybe play a little bit of water trivia along the way. Know any good water jokes? Be sure to bring them along.

Tuesday, April 5, 2016
Tuesday, July 12, 2016
Tuesday, September 13, 2016

4 pm – 6 pm

The Critters in the Stream: Bio-monitoring and Natural Science Illustration

Join us for an afternoon exploring the amazing, tiny creatures that live under rocks in streams. We'll use kick nets to capture a stream sample from the creek, pull out and identify organisms, learn what they tell us about water quality and draw pictures of what we find. Over the Course of the Spring, Summer and Fall we'll be sampling each of the three creeks that flow through downtown Ithaca.

Saturday, May 14, 2016 – Six Mile Creek
Saturday, August 6, 2016 – Fall Creek
Saturday, October 15, 2016 – Cascadilla Creek

2pm - 5pm

The Floating Classroom

Sail ho! For the 11th year running, CSI's 4-H₂O Program will be partnering with the Floating Classroom to collect and analyze water samples across Cayuga Lake. Participants will learn how to collect water samples, including samples from 150' down in the lake, and will analyze them while on board the MV Haendel. Data collected by youth volunteers is included in our online database.

Tuesday June 28
Sunday August 28

3 pm – 6 pm

For details visit communityscience.org or facebook.com/communityscience

kids under 7 need an accompanying adult