

# Ithaca Water Kid

A 4H<sub>2</sub>O free program series with the Community Science Institute



Cooperative Extension  
Tompkins County

## Water Quality Cruises on Cayuga Lake

Sail ho! For the 14th year running, CSI's 4-H<sub>2</sub>O 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 Floating Classroom's brand new boat, the Teal. Data collected by youth volunteers are included in our online database.



Contact [nathaniel.launer@communityscience.org](mailto:nathaniel.launer@communityscience.org) for details and to make a reservation

Sunday, July 7th from 9:00 AM - 12:00 PM • Friday, August 16th from 9:00 AM - 12:00 PM

Sunday, September 29th from 2:00 PM - 5:00 PM



## Biomonitoring Picnics

Bring a picnic dinner and join us at the creek in one of our beloved state parks for an evening of biomonitoring fun. Who lives under the rocks in our local creeks and what can these organisms tell us about water quality? Set up your picnic blanket by the creek while CSI staff introduce you to the fascinating world of biomonitoring and how Finger Lakes State Parks use this process to help them manage our state parks. Anyone who's up for it should be prepared to get their feet wet in a hands-on exploration of critters in the stream!

Contact [Adrianna@communityscience.org](mailto:Adrianna@communityscience.org) for location details and directions

Upper Buttermilk State Park

Upper Treman State Park

Thursday, July 25th from 6:00 PM - 8:00 PM • Thursday, August 29th from 5:30 to 7:30

Lower Buttermilk State Park

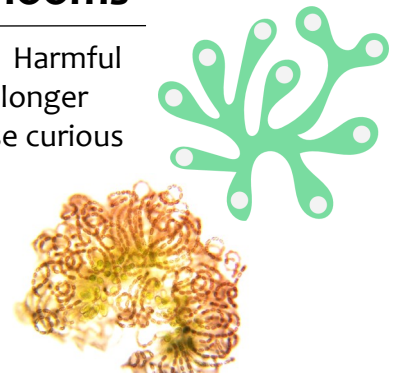
Saturday, September 21st from 12:00 PM - 2:00 PM

## Getting to Know Phytoplankton and Harmful Algal Blooms

Join us at Ithaca Youth Bureau to learn more about cyanobacteria, the source of Harmful Algal Blooms (HABS) in our lakes. Did you know that they've been around much longer than our lake itself and almost since the early days of life on Earth? Who are these curious creatures and why are we concerned about recent massive blooms of them in Cayuga Lake? We'll take you through the basics with a couple of interactive activities including collecting a sample of lake water and looking at it under the microscope.

Contact [nathaniel.launer@communityscience.org](mailto:nathaniel.launer@communityscience.org) for details

Saturday, June 29th from 1:00 - 2:00 PM • Saturday, September 7th from 1:00 - 2:00 PM



## Want more info?

Visit [www.communityscience.org](http://www.communityscience.org) or email us at [info@communityscience.org](mailto:info@communityscience.org)

Kids under 7 must be accompanied by an adult