



# 4-H STREAM TEAM



Image: Mike Meyer, Harrison Co 4-H

Be a citizen scientist!

- ◆ Learn what a watershed is and find out what watershed you live in.
- ◆ Learn how to protect and improve the water quality in your watershed.
- ◆ Conduct chemical water testing.
- ◆ Collect and identify aquatic insects.
- ◆ Participate in stream studies.
- ◆ Plan and conduct a community service project.
- ◆ Report your data to Watershed Watch in Kentucky.
- ◆ Learn about careers related to watershed management and water quality protection.



Image: UK Agriculture Communications

## Here's what you can do all year!

### Club Meetings

- ◆ Go on a watershed tour.
- ◆ Collect Macro Mascot Cards
- ◆ Create an edible watershed.
- ◆ Conduct a stream study.  
Collect stream samples and test for dissolved oxygen, pH, temperature and turbidity.
- ◆ Collect and identify aquatic macroinvertebrates.
- ◆ Complete monitoring and community service projects.

### Monitoring Project

- ◆ Use the Kentucky Water Health Portal to identify streams in your county.
- ◆ Adopt a stream to monitor.
- ◆ Collect stream samples and conduct water quality testing on your adopted stream.
- ◆ Collect and identify aquatic macroinvertebrates found in your adopted stream.
- ◆ Report your data to Watershed Watch in Kentucky.

### Community Service

- ◆ Use the information you collected during your monitoring project to plan and conduct a community service project.
- ◆ Project ideas include conducting a streambank tree planting, installing pet waste stations at community parks, stenciling storm drains, and hosting a watershed festival to teach others the importance of protecting our water resources

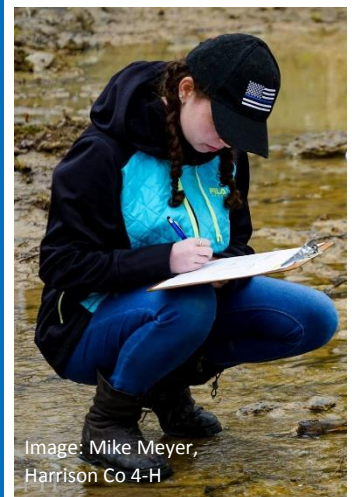


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4-H is a community of young people who are learning leadership citizenship and life skills.

Learn more at [www.kentucky4h.org](http://www.kentucky4h.org) or contact your county extension office.






# Take Water Sciences Further!

Here are some other opportunities to explore water:

- Be a 4-H Natural Resources and Environmental Sciences Academy Scholar. Website: <https://4-h.ca.uky.edu/NRESci>
- Attend the Kentucky Forest, Entomology, and Wildlife Leadership Program. Website: <https://kflp.ca.uky.edu/>
- Job shadow or interview a forester, wildlife biologist, entomologist, geologist, hydrologist, or soil scientist.
- Schedule a visit with the University of Kentucky Natural Resources and Environmental Sciences Program. Website: <https://nres.ca.uky.edu/>



## Resources

4-H Resources	Other Resources
<p>Kentucky 4-H Stream Team</p> <ul style="list-style-type: none"> <li>◆ Leader's Guide</li> <li>◆ Presentation Slides</li> <li>◆ Website</li> </ul> 	<p>Healthy Water, Healthy People Field Monitoring Guide</p> <p>Healthy Water, Healthy People Water Quality Educator's Guide</p> <p>Kentucky's Water Health Guide</p> <p>Project Water Education for Teacher's Curriculum and Activity Guide</p> <p>Images: Mike Meyer, Harrison Co 4-H</p>

