

## Quick Reference Guide for STREAM Girls – an exploration of your watershed!

**STREAM Girls** employs STEM-education (science, technology, engineering, math) plus recreation and arts to explore a local stream. Every person is a citizen of her watershed, and TU has partnered with Girl Scouts USA to show what that means to us. By visiting a local stream and having the opportunity to observe it as scientists, anglers, and artists, girls will get the complete picture of what their stream could mean to them.

Over the course of multiple sessions, you will lead the Girl Scouts in observing a stream, sampling macroinvertebrates, fly tying, and fly casting. Each day also gives the girls time to explore the natural area and record their thoughts and observations in their handbooks.

### Patch Program Requirements

Eight core activities make a STREAM Girls program. You may choose activities that fit the interest and timeframe for your event; however, doing all eight core activities is required for your program to be considered a STREAM Girls “patch” program. That is, in order for the scouts to receive the patch, they must complete all eight activities.

The eight core activities are:

1. Watersheds and STREAM Walk
2. Fly casting
3. Go with the Flow!
4. Macroinvertebrate survey
5. Fly tying
6. STREAM stations and bracelets
7. Some amount of reflection throughout
8. Some amount of discussion throughout

### Resources Needed

- STREAM Girls TU Volunteer Guide: your one-stop doc for planning and executing a flexible and fun curriculum.
- STREAM Girls Handbook: used by the scouts as they move through the program. This should be printed and bound at a print shop.
- Liability and Risk Management: required actions for working with youth.
- Equipment: outlined before each activity in the Volunteer Guide.
- Volunteers: you will need volunteers to fill varying roles from logistical planning to leading the girls in activities.
- Scouts: contact your local Girl Scouts Council to begin developing this worthwhile partnership! [Click here to find a council near you.](#)
- TU National: Not finding what you need or have questions? Get assistance from [TU Headwaters staff](#) as you begin your program. They are always available for teleconferences, to get resources, or for a volunteer training (contingent on funding).
- Other Resources: online resources linked at [www.tu.org/streamgirls](http://www.tu.org/streamgirls) and in the TU Tacklebox at [www.tu.org/tacklebox](http://www.tu.org/tacklebox)