

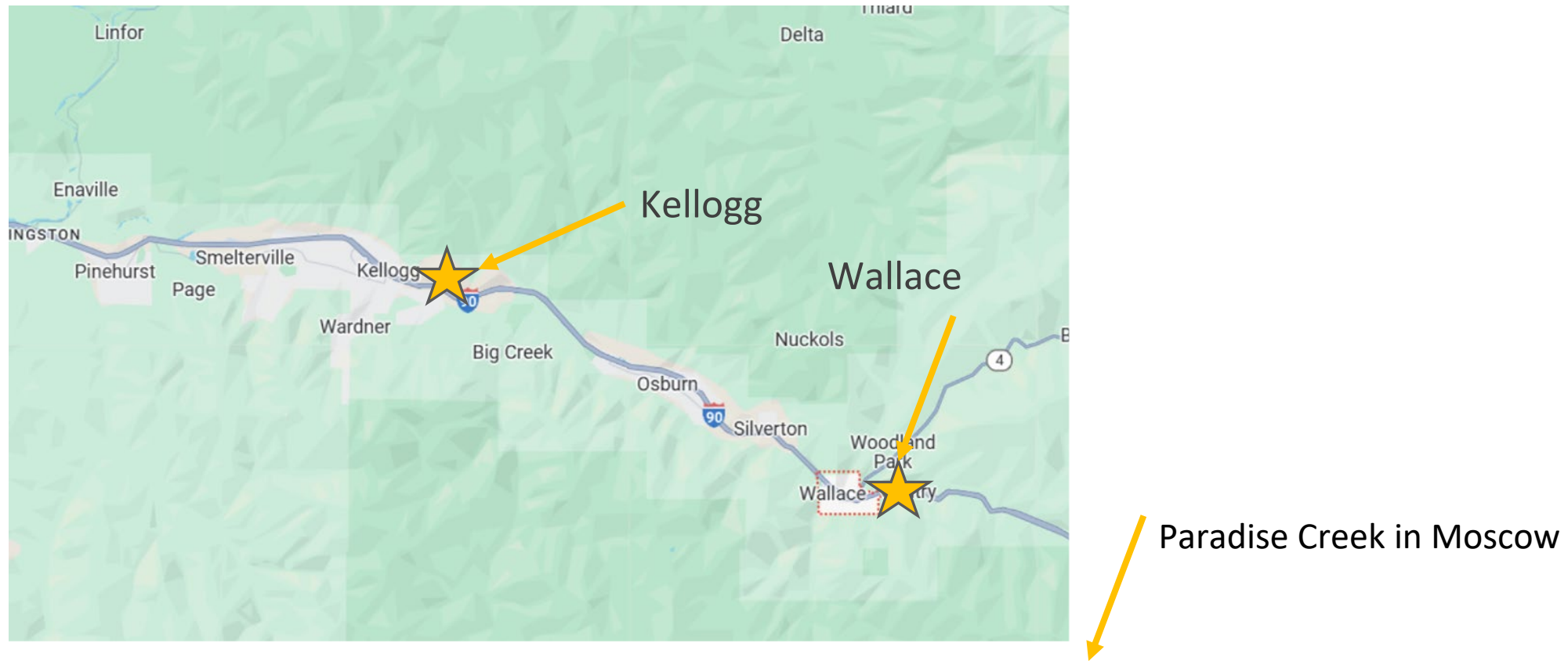
The Confluence Project

BEIPC Presentation

MARCh 2025



Participating schools



Teacher Resources

- Online curriculum library
 - Lesson plans
 - Videos
 - Quizzes
 - Articles
- Held teacher professional development workshops in fall, winter, and spring

THE
CONFLUENCE
PROJECT

Teachers Online Curriculum Outline

5. Groundwater

- a. What is an Aquifer
 - i. Video: [What is an aquifer](#)~5 minutes
 - ii. [Quiz](#)
- b. Groundwater Activity
 - i. [Project Wet ground water activity in document link](#)
- c. Rathdrum Prairie Aquifer
 - i. PPT: [TCP Groundwater presentation](#)
 - ii. [Quiz](#)
- d. Spokane Valley Rathdrum Prairie Aquifer
 - i. Video: [SVRPA](#) ~10 minutes
 - ii. [Quiz](#)
- e. Aquifer demonstration
 - i. Video: [Aquifer activity](#)~4 minutes
- f. Ground Water in Idaho
 - i. Article from IDEQ: [Ground Water in Idaho](#): 4 pages
 - ii. [Quiz](#)

Water Quality Field Trips

- 8 Schools
- 371 Students
- Students measure chemical and physical water quality parameters and collect/identify aquatic macroinvertebrates



Aquifer Lessons

- 294 Students
- 7 Schools
- Groundwater Specialists:
Jenny Gray and Seth Oliver
- Combination of in-class lessons and field trips
 - Edible aquifer (adapted for SVRP Aquifer)
 - Aquifer models
 - Municipal well tours



Snow Science Trips

- 7 Schools
- 352 Students

- Students calculate Snow Water Equivalent and determine what that means for the watershed for the upcoming year





Kellogg HS measuring
Snow Water Equivalent

2025 Youth Water Summit

- Youth Water Summit planned for May 20 at **Kootenai County Fairgrounds**
- 7 Schools participating
- Students will develop water-related research projects and present to volunteer judges

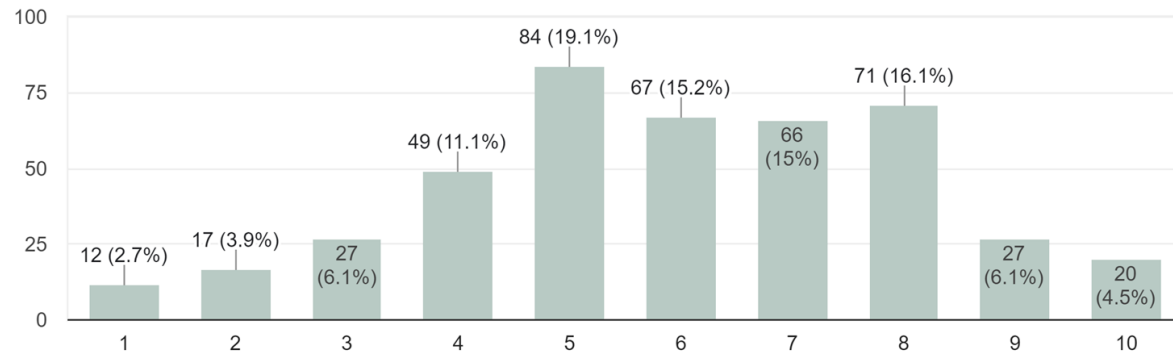
- Need judges!
 - New Volunteers: <https://tinyurl.com/TCPVolunteer>
 - Returning Judges: <https://tinyurl.com/YWSJudge>

Pre/Post TCP Survey Results

Pre TCP

Scientific subjects make sense to me.

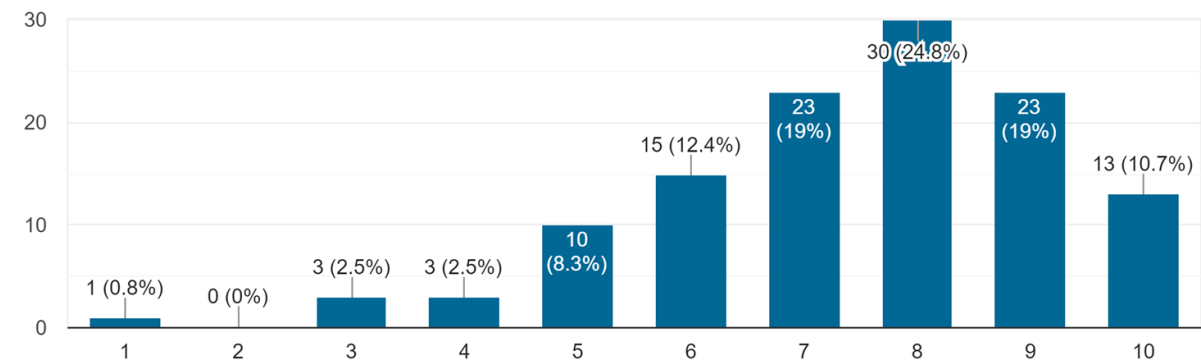
440 responses



Post TCP

Scientific subjects make sense to me.

121 responses

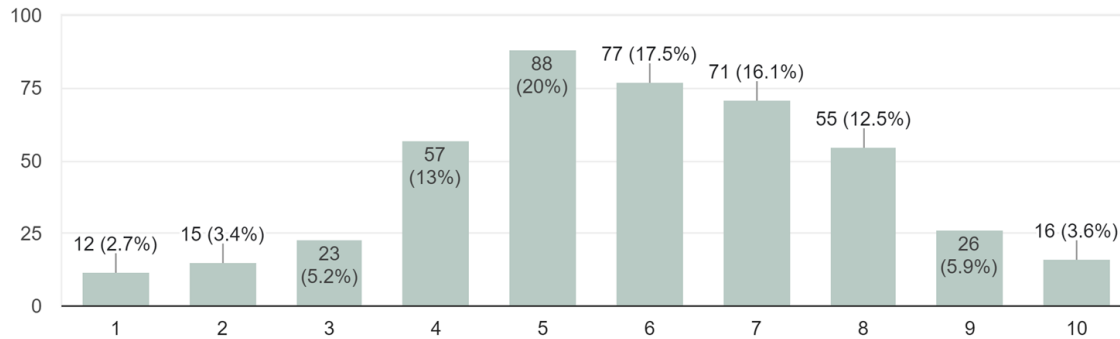


Pre/Post TCP Survey Results

Pre TCP

I know how to use a scientific process to research a problem.

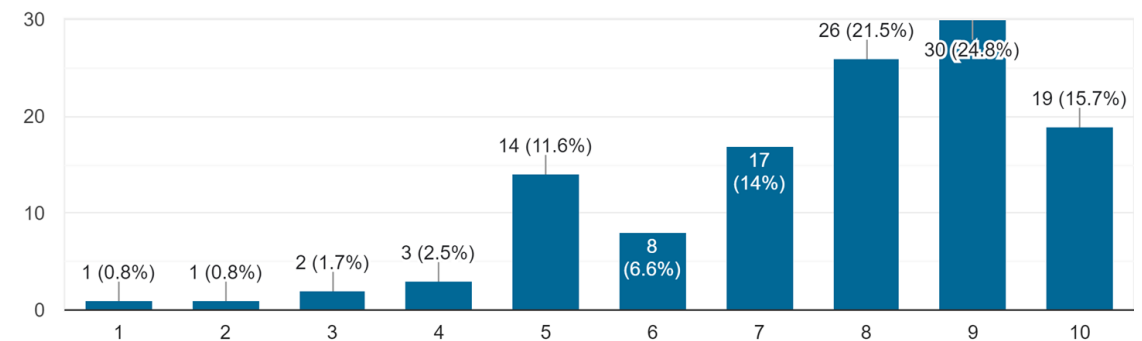
440 responses



Post TCP

I know how to use a scientific process to research a problem.

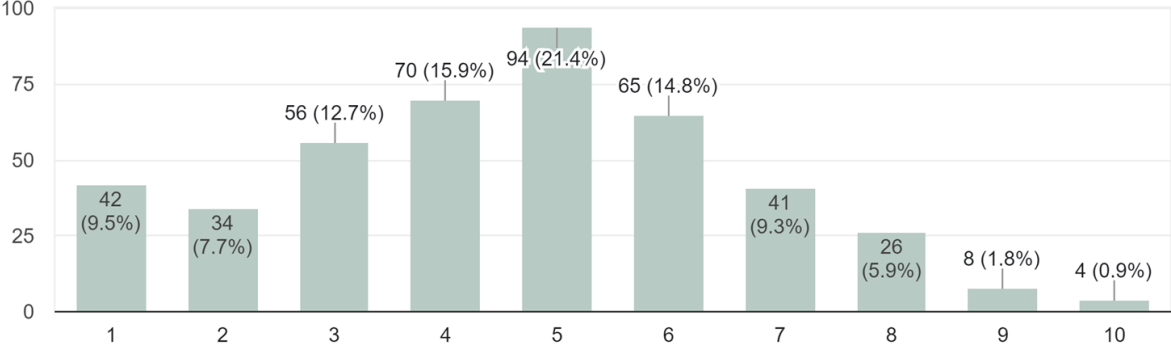
121 responses



Pre/Post TCP Survey Results

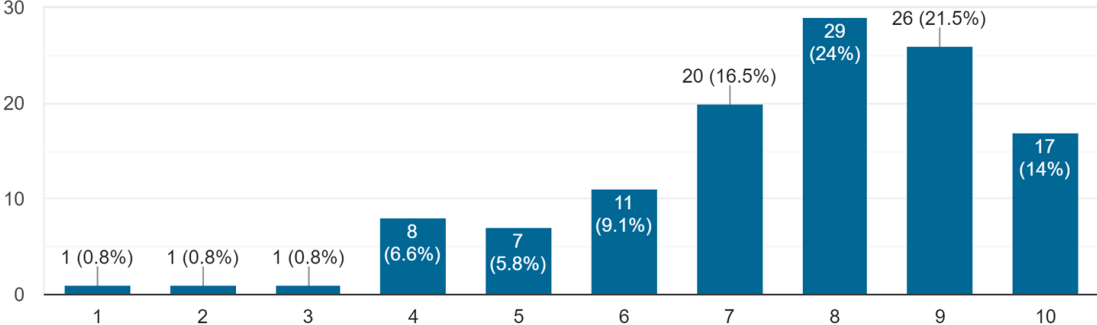
Pre TCP

I know a lot about water resources.
440 responses



Post TCP

I know a lot about water resources.
121 responses



Plans for 2025-2026 School Year

- Continue, working with all schools and bring in more schools!
 - Coordinate with Coeur d'Alene Tribe for Lakeside HS
- Grow volunteer and advisor base