



**ALLEGHENY COLLEGE**  
**Creek Connections**  
520 N. Main Street • Meadville, Pennsylvania 16335

## **Letter of Agreement 2025-2026**

The broad goals of this project are to increase awareness and understanding of natural systems, specifically our waterways and watersheds, through an educational outreach program to schools and the public. This is accomplished using a replicable model for hands-on natural science and environmental education. Specific objectives are to:

- promote collaboration between Allegheny College and schools with a focus on natural science and environmental education;
- establish an ongoing water quality monitoring project among college and schools that will lead to a focus on scientific research for students at secondary levels;
- enhance hands-on science, and facilitate schools' efforts to meet project-based objectives; and
- broaden students' notions of stewardship for their watersheds, while providing the general public with information on water and land use issues.

### **Participating Teachers Agree to:**

1. Attend the one-day Summer Institute (Teacher Workshop).
2. Involve students in the ongoing water monitoring of a local waterway.
3. Conduct the basic tests (provided) at their stream location (or in classroom) approximately every month. Although sampling schedules are flexible, we do expect your stream to be sampled several times throughout the school year.
4. Send data to the project office in a timely manner so it can be posted on the website and shared with other classes (and the public).
5. Discuss the data with your classes. Encourage data comparisons between sites, trend analysis, and parameter comparisons, as well graphing exercises.
6. Have your students design and carry out at least one independent research project about a watershed topic (e.g., water quality, pollutants, watershed mapping, comparisons, watershed plants & animals, hydrogeology, restoration, water issues, or stream ecology). Research projects should involve as many students as possible. Stipend money can be spent on equipment to carry out these projects.
7. Bring participating students to the Student Research Symposium in April. Have students make at least 2 presentations (oral or display).
8. Consider having your class present their research findings and displays to a non-participating class or community group (school board, local watershed organization, municipal meeting, etc.).
9. Respond in writing to an end of the year survey to help evaluate the project and to suggest additions or improvements for the next year.
10. Ask your students to complete a voluntary before/after Creek Connections project feedback survey.
11. Use Creek Connections staff and student assistants for resources and classroom assistance.

## **Creek Connections agrees to supply to Participating Teachers:**

### **TEACHER ASSISTANCE:**

1. Summer Institute (annual Teacher Workshop in early August).
2. Notification of professional development opportunities throughout the school year.
3. Creek Connections assistance for research needs, resources, questions, concerns, class presentations, etc. All our staff will have background checks required for working with children.
4. Assistance in finding a stream field site near you. Your class will test a waterway as close to your school as possible.
5. Access to and priority for project loaner equipment.
6. Assistance completing Meaningful Watershed Education Experiences (MWEE).

### **BUDGET:**

1. Stipend for chemical refills and glassware and equipment replacement; such as chemical test refills, replacement parts, meters, and equipment.
2. Display boards for creating Student Research Symposium presentations.

Minimal busing funds are available this year. Please let us know your needs. Please contact your administration for funds first. We will be happy to write letters of support to try to assist you in securing needed funds.

### **FLEXIBILITY:**

This project does not give you a curriculum to follow. Instead, the water quality monitoring can become an ongoing lab or class topic, be done during an after school club, or a combination of all. You decide what works best for your teaching needs. Your students will collect data several times throughout the year, do independent research, and participate in some form at the student research symposium. In addition, sharing of research work with non-participating classes and community groups is encouraged.

Please sign below if you agree to these conditions:



\_\_\_\_\_  
Wendy Kedzierski, Project Director, Allegheny College

\_\_\_\_\_  
Project Teacher Signature

PRINT NAME \_\_\_\_\_