

June 21-25, 2010

University of Northern Iowa

Project Development

A. Brief statement describing the project:

I plan to use IOWATER materials and methods and have 9th grade students monitor watershed creeks that flow into the Floyd River in central Plymouth County.

B. Objectives/goals:

1. To study the chemistry of water quality of streams.
2. To emphasize data collection that is meaningful to the greater community.
3. To give students the opportunity to study something over a longer period of time (all school year)
4. To connect students' data to a greater database and allow students to be part of a larger project.

C. Implementation plan:

We need to implement more Earth Science in the 9th Science course to meet the Iowa Core Curriculum requirements. This is also an excellent Quadrant D activity on the Rigor/Relevance scale since it includes publishing student-collected to a wider audience, via the Web database. I will plan to work with Victoria De Vos, Plymouth County Naturalist (if she is willing) to have students monitor a nearby creek on a monthly basis.

D. Evaluation:

Successful project implementation will result in good data that can be reliably shared in the IOWATER database.