

North Country Initiative for the Advancement of Science Teaching

This project is for the North Country Education Services Professional Development Center (NCES PDC), in partnership with SAU 3, 7, 35, 36, 58, and 68, to provide regional professional development opportunities for K-12 educators to advance the academic achievement of students in science. The NCES PD recognizes the varying professional development needs of educators and is proposing the following project components to meet those needs:

- 8-part course focused on the integration of technology in the teaching of science with graduate credit option from Plymouth State University
- a full-credit introductory course on Geographic Information Systems through NH Community Technical College
- classroom support to teachers participating in the Introduction to GIS course
- 8-part course on biological/life sciences with graduate credit option from Plymouth State University
- exploring the geology of the region & environmental education on class field trips/hikes
- overview of the revised NH Science Framework and the implications for the curriculum revision (identifying districts to participate in curriculum revision in 2007-08)
- a more advanced follow-up course on Geographic Information Systems
- consulting support to schools for science curriculum revision based on the new NH Science Frameworks
- STOMP: Student Teacher Outreach Mentor Program (an extension of the 20005-06 Christa McAuliffe Sabbatical Project)
- continuation of the course on the integration of technology in the teaching of science