

Plymouth State University

Helping High Schools Navigate the NECAP (HHSNN)

Summary of the Project:

The focus of this project will be to work with high school mathematics teachers at high needs schools to help them improve the performance of their students on the NECAP test. By increasing NECAP scores, the teachers involved in the project can help their schools make AYP.

This project will consist of offering four courses, two which will take place during the summer of 2009, two during the academic year 2009-10. Each course will focus on one of the four mathematics content strands in the NH Curriculum Frameworks in Mathematics.

Each course will consist of, but not be limited to, the following:

- Each stem in the GSE strand will be thoroughly examined to help all participants understand its context, and how the questions on the NECAP test relate to it;
- Examples of standards-based activities, taught and modeled by NH-Impact Center personnel (focusing on the strand of Problem Solving/Reasoning/Proof and Communication/Connections/Representations) will be given to participants to help them teach their students;
- The K-8 GLE for each stem will also be examined, giving participants an understanding of the mathematical concepts those students should know and are tested on;
- Participants will examine their own curricula to determine whether it meets the GSE's, and shown how to make modifications should it fall short.

A teaching observation of all participants will be conducted by project personnel during the school year, to ensure that the content and methods presented in these courses are making a successful transfer to the participants' classrooms.