

Abstract

Clearinghouse On Mathematics, Engineering, Technology, and Science (COMETS): A Web-based Resource for Inservice and Preservice Teacher Education

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The National Science Foundation-funded grant project titled "Clearinghouse On Mathematics, Engineering, Technology, and Science (COMETS)" based at the National Technical Institute for the Deaf (NTID) is an interactive Web site that will address a variety of target audiences with information needs related to the education of deaf students.

The goals of the project are to: 1) develop a comprehensive resource to provide asynchronous information through interactive components to professionals, parents, and students available on the World Wide Web; 2) field-test the applicability of the information and dissemination strategies in both formal and informal professional development activities; and 3) develop a network for systemic change through information dissemination in the education of deaf students in science, education, mathematics, and technology.

This presentation will summarize how a network that includes teachers, administrators, support service professionals, parents, and representatives from organizations critical to systemic reform in the education of deaf students will work together with a web-based resource to effect positive change in mathematics, science, and engineering education. Information to be shared in the web site will be based on the most recent research. A rationale for this method of distance education for professional development will also be provided.