

# SUCCEED-HI

continued from page 1

and their teachers are currently in danger of being left out of the computational world and new technological innovations. SUCCEED-HI will help them have the same opportunities as other teachers and students.

There is potentially a greater need for the SUCCEED-HI program. Due to necessary budget cuts, legislators are considering closing all schools for the deaf in North Carolina. Kent Robertson is a temporary employee of Shodor, a participator in SUCCEED-HI, and a teacher at a school for the deaf. Robertson is currently building a model to show why cutting funding for deaf schools isn't a wise solution to relieving the State's budget crunch. However, if the bill does pass, SUCCEED-HI could become an invaluable learning tool for deaf students across the state.

There is now a developing web site for the SUCCEED-HI program. There are links to two online sign-language dictionaries and a scientific terms sign-language dictionary. Coming soon will be activities and lesson plans involving a variety of scientific and technological interests. Some example activities and tools are a template webpage, a mathematical activity "Sieve of Eratosthenes," and "Phosphorus in a Lake" a model of water quality. Watch the steady development of the

SUCCEED-HI program at:

<http://www.shodor.org/succeedhi>

## FALL SATURDAY WORKSHOPS

**Saturday Explorations in Science and Mathematics** for middle school students is a series of computer-enhanced science and mathematics workshops. For more details see:

<http://www.shodor.org/succeed/programs/explorations/sems.html>

Workshops will be held at our training facilities from 9am until 12pm on **October 6, 13, 20, and 27, and on November 3, 10, and 17**. To sign up online visit our web site at:

<http://www.shodor.org/succeed/application/sesF01.html>

## Addison Wesley: Interactivated

by Jabeen Ahmad, Shodor Research Apprentice, Cary Senior High School

As part of an exciting new partnership, Shodor has joined with the textbook publishing company Addison Wesley to provide supplementary online materials to math students and teachers. Addison Wesley is the maker of quality teaching material of various subjects and levels of learning. The Shodor Foundation has agreed to help Addison Wesley keep its edge in developing innovative math curriculums by allowing the connecting of Shodor's Interactivate Online activities and lesson plans to the relevant chapters of Addison Wesley math textbooks.

Shodor first developed Interactivate for schools run by the Department of Defense as a means to accelerate, through the use of technology, the teaching of mathematical concepts. These innovative activities and lesson plans will now be able to benefit a greater number of students when distributed with the trusted name of Addison Wesley.

Bethany Hudnutt, one of Shodor's computational mathematicians, is the head of this groundbreaking project. Hudnutt, along with summer interns Allyson West and Jonathan Phillips, has searched through the Shodor Interactivate site to find activities that match with key concepts of the textbook chapters. The connecting of the online activities to a math textbook will allow students to explore an activity that presents a mathematical concept in a less intimidating manner and in a more practical and understandable way. Currently, Shodor is working on "Interactivating" two college level math textbooks and three pre-service educators' textbooks. The first textbook that Shodor has upgraded with Interactivate programs is one of the best selling textbooks for pre-service educators and elementary math in the United States.