Summer 2004 @ Shodor

**SUCCEED Workshops (for rising 4th - 11th graders)**

This summer, eight workshops held every other week were held for rising 4th-9th grade students, primarily from the Durham, Chapel Hill, and Raleigh schools districts. Topics covered included engineering, science, mathematics, and environmental science, among others. During the last three weeks of the summer, a group of rising 10th and 11th graders attended all workshop sessions, covering more in-depth elements of the chosen workshops, with the goal of preparing them for future internships at Shodor. For more information about the summer SUCCEED workshops, check out the back page of the Summer 2004 insert.

**The 2004 Forensic Science class**

**Intern Projects**

The idea of the Mentor Center @ Shodor is to team high school and undergraduate students with a scientist or engineer from Shodor or a partner organization as their mentor. Since each match member has a different role at Shodor, Mentor Center interns are able to get experience working on a number of diverse projects. This summer interns were deeply developing lessons plans, creating interactive math and science activities, teaching workshops, and designing graphics for many projects. For more information about this summer’s intern projects, check out the inside of the Summer 2004 insert.

**Intern Workshops**

This year, there were three workshops specifically made available for current Mentor Center interns. Scientific Computing, Web Design, and Information Technology were offered in Summer 2004. All three workshops were designed to help interns understand potential career options and provide hands-on training in areas that would be helpful in future workshops. Each workshop offered a new perspective on the sciences and computer science that can be applied in the future.

**ADDITIONAL AND INTERN TRAINING**

For the future, plans are in the works for a new Mentor Center Intern Workshop. The goal of this workshop is to provide mentors with an opportunity to learn new skills and techniques in order to help them with their current projects. Future workshops may include networking opportunities, mentor training sessions, and guest lectures by experts in the fields of computer science and mathematics.

**UPPER-LEVEL WORKSHOPS**

For the past two years, a select number of high school students have been invited to participate in the Shodor Scholars Program. This program provides students with the opportunity to explore in-depth topics related to computer science and mathematical modeling. The program is designed to help students develop their skills and knowledge in these fields and to prepare them for future internships at Shodor. Students selected for the program are expected to complete a series of workshops that focus on specific topics in computer science and mathematical modeling. The workshops are designed to help students develop critical thinking skills and problem-solving abilities, and to prepare them for future internships at Shodor.

**ADVANCED AND INTERN WORKSHOPS**

In addition to the workshops offered during the Shodor Scholars Program, Shodor also offers a series of advanced and intern workshops. These workshops are designed to help students develop their skills and knowledge in specific areas of computer science and mathematical modeling. The workshops are held during the summer and are open to students of all levels. The workshops cover a wide range of topics, including data science, machine learning, and computer programming.

**For more information about Shodor, visit their website at**

https://shodor.org/