

World of Waterbotics

2012

For Students grade 6th through 12th

Sinclair will be holding a weeklong day camp the week of June 18 – 22, 8:00 – 3:30 on campus in building 11 for twenty students in middle school and high school. Free lunches will be provided each day

For Teachers

During the week of July 9 – 13, 8:00 – 3:30 a training session on the curriculum will be held for twenty teachers. It is intended that the teachers then take the curriculum and imbed the material in their courses at their schools.

Sinclair will have material kits to loan to the schools while the Material is being taught.

This project is part of an NSF grant so expect extra forms to be completed before coming to the training session. The intention for the project is that math, science, and technology teachers are able to attend and work together to take advantage of the topics in their areas of expertise.

Free lunches will be provided each day and the teachers will receive a \$200 stipend.

STEM topics in the program include gear ratios and programming (math), buoyancy and forces (science), and engineering design and problem solving (technology). The curriculum is designed to satisfy the students' need for knowledge as they apply the concepts in the project. There will be no one asking "Why must I learn this?". The students will use the information immediately in a fun way thus learning information that will be used in the future as well.

Click on the [STUDENTS](#) or [TEACHERS](#) link to access the applications.

Space is limited to twenty participants in each category So apply early.