

2024 BE WISE STEM CAMP

Be WISE (Women in Science Education) is a 7th & 8th grade girls' camp that has been held since the summer of 1989. Girls enjoy a week at camp in a university setting while working in science, technology, engineering, and mathematics (STEM). Through the past 35 years approximately 3000 girls have attended this camp.

Be WISE Camp's mission is to develop interest, excitement, and self-confidence in middle school girls in Science, Technology, Engineering, and Math (**STEM**). The camp is designed to provide real-life, hands-on experiences in **STEM** using problem solving and thinking skills. We hope to encourage and motivate the girls to enroll in more **STEM** classes at the high school and college levels to prepare them for careers in a **STEM** field. The goal of the camp was to inspire middle school girls into taking as many math and science classes as they could through middle school and high school.

Sunday, June 9 - Friday, June 14

Muskingum University, New Concord

Website: bewisecamp.org

Application Deadline: April 30

Cost is \$600 (Crawford County as well as need-based scholarships available)



Where Girls Succeed

CURRICULUM

ECOLOGY - reduce our imprint on the Earth.

STREAM - design a watershed community, dissect a crayfish, and catch critters in the stream.

MATH 7 - build tetrahedral kites, use proportions to change a recipe and bake for the whole camp.

PHYSICS - experiment with Newton's Laws of Motion using technology to measure distance, velocity, and acceleration.

ASTRONOMY - study the solar system, phases of the moon, and design models of planetary landing vehicles.

CHEMISTRY - learn about atoms, elements, molecules, compounds, and test different items with household ingredients.

MATH 8 - design, construct, and test the structural integrity of a bridge using principles of physics and economics.

POND - as a limnologist, your job is to decide if the pond is healthy, conducting several chemical tests.

EVENING PROGRAMS

Various women in the STEM field present on their field of expertise such as a licensed wildlife rehabilitator, showing a collection of reptiles and amphibians; an arachnologist, discussing the benefits of spiders, followed by a spider hunt; and a representative from the Ohio Canid Center brought a beautiful wolf named Lucian.

STAFF MEMBERS

Teachers from all over Ohio oversee Be WISE with many of our staff having taught at camp for over 5 years. High school, college, and post college girls with previous Be WISE camp experience are hired as counselors or counselors-in-training.

To apply for camp, visit bewisecamp.org.



Where Girls Succeed

Crawford County Scholarship Application

Be WISE Middle School Girls' STEM Camp



Where Girls Succeed

The Bucyrus American Legion Post 181 as well as anonymous donors are awarding scholarships for Be WISE Girls' STEM Camp. Winners earn \$300, half of the \$600 camp tuition. Eligible participants are girls entering 7th and 8th grade for the 2024-25 school year (current 6th and 7th grade students). Scholarship funds will be sent to Be WISE STEM Camp after half of the tuition is paid by the family. Completed scholarship applications are to be given to your school counselor by Friday, April 5.

First Name _____ Last Name _____

Address _____

Parent/Guardian Name _____ Phone # _____

School _____ Grade _____ Birthday _____

Why do you think it is important to study Math and Science? _____

Why do you want to attend a Summer STEM Camp? _____

What career would you like to have after high school and college and why? _____

* The applicant must attend a middle school in Crawford County (Buckeye Central, Bucyrus, Colonel Crawford, Crestline, Galion, St. Bernard's, Wayside Christian, Wynford).

