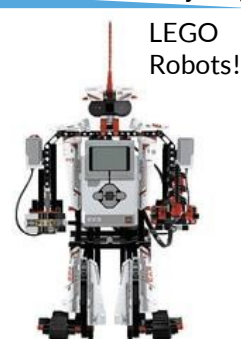
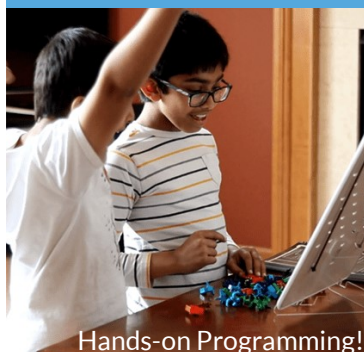


STEM Workshops

Coding Made Simple • Robotics



Coding Made Simple

New to the world of coding? Wondering what it's all about? Experts say all children can benefit by learning to code.

- Explore and learn coding basics.
- Discover simple, inexpensive ways to teach programming logic.
- Experience progressive levels of coding with Ozobots.
- Explore resources available for teachers and students at Hour of Code.
- Learn coding by designing games.

You won't want to miss this fun, hands-on workshop designed for teachers of all grade levels

Salina - Tuesday, February 11

Hays - Thursday, February 13

9:00 a.m. - 3:30 p.m.

Robotics

Robots are all around us, and they provide a great way to teach technical skills and Kansans Can competencies! Come explore the world of robots from simple Ozobots to large industrial robots.

- Make a robotic hand using paper cups.
- Program LEGO robots to respond to sensors.
- Observe drones in flight.
- Tour a manufacturing facility that uses robots.

Robotics can generate interest and provide fun learning experiences while teaching a multitude of skills. In this workshop, you will learn to incorporate robotics into existing curriculum, use robots for an after-school activity or STEM club, and organize a competition team.

Salina - Tuesday, March 24

Hays - Thursday, March 26

9:00 a.m. - 3:30 p.m.

Graduate credit available from Baker University

Pam Kraus is the CTE Coordinator and STEM Consultant at SHESC. She has 20 years of experience in the classroom as a high school chemistry teacher. She has presented to educators from around the world at Space Exploration Educators Conference at Space Center Houston and to science educators from Kansas at the annual Kansas Association of Teachers of Science conference. She has trained with Teachers in Space, US Naval Academy SET Sail STEM Educator Training, Honeywell Educator's Space Academy, AMTA Chemistry Modeling, ChemEd and ASM Materials Science Camp.



For more information, please contact Pam Kraus at 785-825-9185 or pkraus@smokyhill.org.

To register, contact April Klaus at 785-621-4414 or register@smokyhill.org 605 E. Crawford St. • Salina, Kansas 67401