

Fort Hays State University is dedicated to providing quality educational opportunities in Science, Technology, Engineering, and Mathematics. Our Maker Van compliments the purpose of FHSU Makerspace which encourages youth to explore STEM in a fun, relaxed environment.



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FORT HAYS STATE UNIVERSITY
SCIENCE AND MATHEMATICS
EDUCATION INSTITUTE



**FORT HAYS
UNIVERSITY**

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MAKERVAN

Science Outreach
Programs & Activities



**FORT HAYS STATE
UNIVERSITY**

www.fhsu.edu/smei (785) 628-4538

SCIENCE AND MATHEMATICS EDUCATION INSTITUTE **MAKERVAN**

Programs for K-12th grade:

Squishy Circuits– Use conductive and insulating dough to learn the basics of electrical circuits.

Stomp Rockets– Make paper rockets and use a self-constructed launch pad to launch the rockets.

Slime–Learn about the chemical reactions that make that squishy, gooey, rubbery slime!

Paper Roller Coasters– A fun way to learn the physics of energy and motion, as well as the importance of the engineering design process.

Thermal Imaging– Using the heat given off by an object to produce an image. Programs range by design according to academic need.

Robotics and Coding–

- Little bits
- LEGO robotic kits
- Bristle Bots
- Scribble Bots
- Ozobots
- Edison Robots

MORE programs listed on
www.fhsu.edu/smei

MakerVan Activities for all ages:

3D Printing– 3D Design and print 3D objects

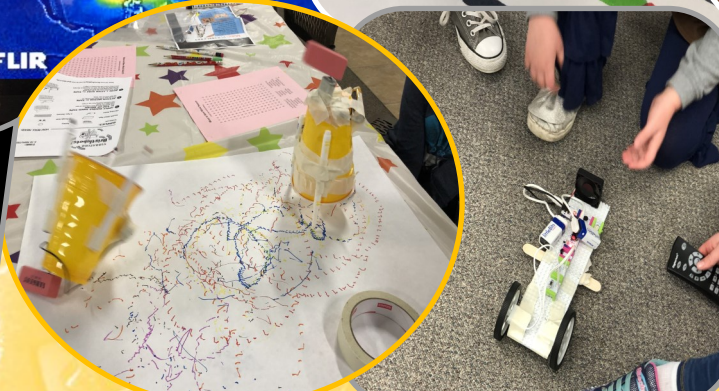
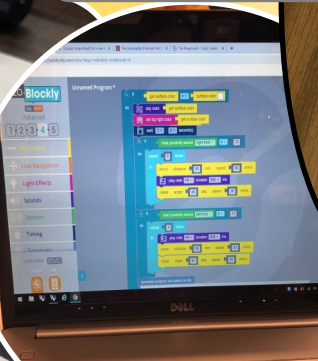
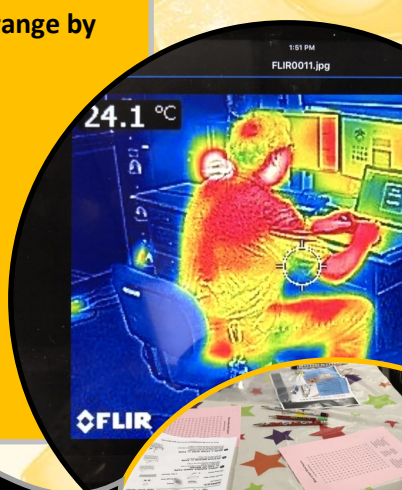
Planetarium– A portable digital planetarium with inflatable dome to discover the universe.

High Altitude Balloon– Launch from your school!

—Programs range by design according to academic needs.

We can custom design programs,
please contact 785-628-4538 or
gglaunchbaugh@fhsu.edu.

MakerVan mileage cost varies by distance,
number of participants and program.



**For more activities,
visit
www.fhsu.edu/smei**