

The Mission of the FHSU Science and Mathematics Education Institute is to inform, reform, and improve science and mathematics education, awareness, and appreciation in K-12 schools, the University, and the community in western Kansas. The Science and Mathematics Education Institute serves as a bridge between FHSU, K-12 schools, and the community by supporting, facilitating, and promoting outreach programs.

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SCIENCE AND MATHEMATICS EDUCATION INSTITUTE

MAKERSPACE MAKERVAN

FORT HAYS STATE UNIVERSITY

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For more information,
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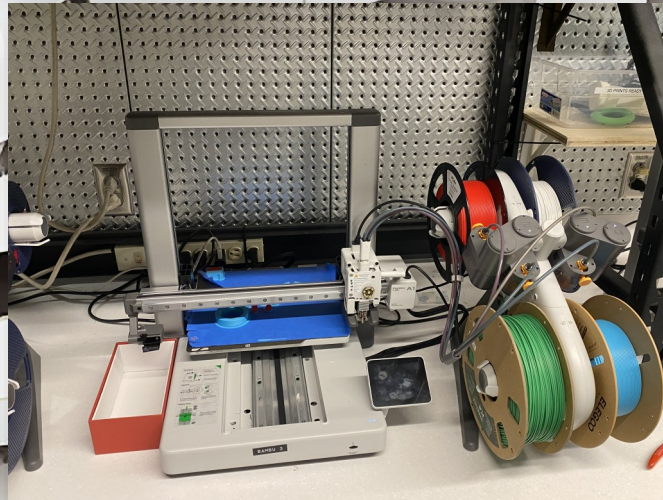
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MAKERSPACE

- **3D Printers:** Plastic filament printers with multicolor capacity. Materials include PLA, polycarbonate, and flexible filament.
- **Laser Cutter/Engraver:** Desktop laser for cutting wood, acrylic, leather, and paper.
- **Portable 3D Scanner:** Creates accurate scans for 3D printing or digital use.
- **Sewing Machines:** Sewing machines and supplies for repairs, crafts, and costumes.
- **Soldering Stations:** Equipment and supplies for electronics repairs and projects.
- **Vinyl Cutter:** Cuts vinyl up to 24" wide for stickers, decals, and signs.
- **Tools:** Drill press, hand drills, Dremel tools, workbenches, routers, saws, and hand tools.
- **Button Maker:** Makes 1 inch and 2¼" pin-back buttons.
- **Heat Press Machine:** For applying transfers to fabric and apparel.
- **Computers/Laptops:** Equipped with software including Adobe Creative Suite, Blender, MeshLab, GIMP, Inkscape, Rhino, and Fusion.

And much more!



MAKERVAN

The MakerVan will come to you! We can create a customized program designed to meet your academic needs and goals.

- **High Altitude Balloon Launch**
- **Planetarium Shows**
- **Lego Robotics**
- **Stomp Rockets**
- **Thermal Camera Imaging**
- **Hovercraft**
- **Engineering Challenge Programs**
- **Wind Wagon**
- **Bristlebots**
- **Water Bottle Density Divers**
- **NASA Balloon Rockets**
- **Slime**
- **Binary Code Bracelet**
- **Simple Circuits**
- **Genetic Punnett Squares**

MakerVan mileage costs vary based on distance, number of participants, and the program selected. For more information or to discuss your specific needs, please contact GG Launchbaugh at gglaunchbaugh@fhsu.edu or 785-628-4538.