Don’t miss the outside attractions!

- See a Jerr-Dan tow truck up close
- Antietam Dairy Truck – free ice cream for everyone!
- Washington County Free Library Bookmobile

Primary Sponsors:

HAGERSTOWN COMMUNITY COLLEGE

HCC ALUMNI ASSOCIATION

Secondary Sponsor:

JLG®

With additional support from Washington County Public Schools.

Use your food ticket in the ARCC lobby to redeem a free hotdog, chips, and drink. No ticket required for ice cream.

HAGERSTOWN COMMUNITY COLLEGE

WASHINGTON COUNTY 2026 STEAM FESTIVAL



Saturday, November 7
10 a.m. to 2 p.m.

@ HAGERSTOWN COMMUNITY COLLEGE

SCIENCE & MATH

Fall Foliage Art

Create vibrant leaf rubbings with crayons and watercolor!

Ladybugs - Warning colors and more!

Discover the fascinating world of ladybugs! Check out the different “critters” from the 4-H Entomology Club. You can even try some EDIBLE INSECTS! Plus, you can learn why it is important to plant native plants and pick up some seeds from the HCC Environmental Club.

Luminescence

Cold heat or luminescence is the ability to produce light without heat. Come see the demo of various objects in nature that can produce light. Try to make light by cracking mints, see glow in the dark organisms, and see if you can find the hidden clues using invisible ink and UV light!

Sensational Slime Station

Create your own polymer concoction using different recipes and bling!

TECHNOLOGY & ENGINEERING

10-4 Good Buddy

Sit inside a big rig and see how the road looks from a trucker’s perspective.

Binary Numbers and Me (01001101-01101101)

Attendees will use beads to represent the 0s and 1s of binary code, creating a personalized bracelet while discovering how computers represent letters and information.

Building Bridges

How does a bridge support itself and cars and people? Come see with an interactive truss bridge model.

Digital Logic Design Demo

Come see how HCC engineering students use logic gates to build controls systems.

Egg Drop Challenge

Calling all engineers! You are challenged to build a device that will keep a raw chicken egg intact when dropped from the balcony of the ARCC lobby. Drop times are 11:00 am, 12:15 pm, and 1:30 pm.

Electronics & Amplification

How do microphones and speakers work? Find out using an audio amplifier demonstration.

Esports Shoutcasting & Memory Game

Be an Esports announcer! Study a video game map, then test your memory by describing the action and giving live play-by-play commentary.

Ham It Up

No cell phones? Come see a ham radio demo and learn how to communicate without the internet or a cell phone.

Living in a Virtual World

Come inside to experience the virtual world.

Ready, Set, Roll!

Design and build your own air-powered car, then test your engineering skills to see how far it can vroom across the floor!

The Science of Pulley Power

Explore the science behind pulley mechanics with JLG! Discover how pulleys make lifting easier through an interactive demonstration and the creation of your own mini-pulley craft.

JLG®

ARTS

Face Painting Fun

Let HCC students transform you into a colorful creation.

Glitter Tattoos

Add a little sparkle with your own glitter tattoo. This is your chance to shine!

Pumpkin Vortex Spinners

Craft a personalized paper pumpkin, then transform it into a high-speed spinning top. Watch how patterns change in mid-air while exploring the science of motion and momentum.

The Wreath Studio

Transform vibrant fall foliage and seasonal textures into a personalized masterpiece to take home, discovering how nature and structural design collide.

MEDICAL

Pump It Up! Learn About Blood Pressure

Step into the role of a healthcare professional with local Meritus medical students! Try a real stethoscope, learn how blood pressure is measured, and explore the science behind keeping your heart healthy.

Radiography: “Guess the Pathology”

Come review medical x-ray images to see pathologies and other interesting findings. Instructors and members of the Rad Tech Club will review the skeletal system with participants. A coloring page, "Color Mr. Bones," will be provided for younger children.

Tooth Truths

Discover fun facts about your teeth and see how good brushing and flossing can make a big difference in your dental health.