

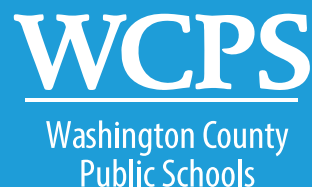


WASHINGTON COUNTY 2024 STEAM FESTIVAL

Don't miss the outside attractions!

- Funkstown Fire Department Fire Truck
- MDOT Rollover Simulator & other activities
- Antietam Dairy Truck — free ice cream for everyone!
- Washington County Free Library Bookmobile
- Activities with drones, bottle rockets, and ham radios
(see descriptions under the Technology & Engineering section)

Thank you to the generous sponsors who help make this event a huge success!



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

@ HAGERSTOWN COMMUNITY COLLEGE

SCIENCE & MATH

Air Rockets

Come color your own rocket and use a straw to blast it off into space.

Buzzy Bees to the Rescue

Did you know there are 400 species of bees in Maryland alone that are important pollinators? Stop by and get a close look at bees, learn about beekeeping, and sample some delicious local honey! Also check out the different insects from the 4-H Entomology Club.

Minion Mayhem Scavenger Hunt

The minions planned a scavenger hunt with “escape room-like” challenges, to have some fun as families wander through the STEAM fest. Try to find all the stations and solve the STEAM related challenges!

Optical Illusion Alley

Optical illusions are images that can trick your brain into seeing something different from what is present. Create your own optical illusion using crayons and a rubbing plate and stroll through some really cool illusions.

Sensational Slime Station

Create your own polymer concoction using different recipes and bling!

TECHNOLOGY & ENGINEERING

Reaching Out with JLG

Take control of a boom lift and learn about stability, mechanical strength, hydraulics, and electronics.

I0-4 Good Buddy

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

Blast Off! | Outside

Build a bottle rocket and see how far you can launch it with just air power!

Calling all Race Car Engineers

Put on your Race Engineer hat to design and build a car powered by simple objects like a rubber band, balloon, or propeller.

Egg Drop Challenge

Drop Times: 10:45 am; 11:45 am, 12:45 pm, and 1:30 pm

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.

Eyes in the Sky | Outside

Emergency Response! Pizza Delivery! Eye in the Sky! Drones can be used for a variety of things. Come watch a live demonstration of an HCC drone (unmanned aerial system) powered by the sun or try your hand at flying a simulated drone.

The Future is Now!

Try your hand at controlling Vex robots in a mini competition.

Ham It Up | Outside

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

King of the Fling

Learn about kinetic and potential energy by building a model catapult and testing your launching skills.

ARTS

Living in a Virtual World

Come inside to experience the virtual world.

Glitter Tattoos

Like face painting, only better! Get your own body glitter tattoo.

Surprises Abound!

Bright, fun, magical or scary – stop by to decorate masks.

Turkey Time

When is a pumpkin not a pumpkin? When it is a turkey! Stop by and transform a mini pumpkin into a turkey.

MEDICAL

Amazing Anatomy - Give Yourself a Hand!

Our hands are amazing! They let us do so many things. Come learn about the structures of your hand and build a paper model with moving fingers. Learn about the anatomy that is taught for HCC’s science and allied health classes, and get information on the upcoming Anatomy Tournament!

Radiography: “Guess the Pathology”

Come review medical x-ray images to see pathologies and other interesting findings. Instructors will review the skeletal system with participants.