

CAFETERIA



Entrée #1:
Taco in a Bag



Entrée #2:
Roasted Chicken Salad



Entrée #3:
Pizza

Meals served 4:30pm - 7:00pm

One serving of fresh fruits and one serving of fresh vegetables each will come with a entree purchase.

Full meal price (includes choice of entree, fruits & vegetables, and milk choice): \$7.00

à la carte prices:

- Taco in a Bag : \$5.00
- Roasted chicken salad: \$5.00
- Pizza slice: \$3.00
- Fresh fruit: \$2.00
- Fresh vegetables w/veggie dip: \$2.00
- Milk: \$0.75



EVENT MAP

SPONSORED BY:



ALEXANDRIA PUBLIC SCHOOLS

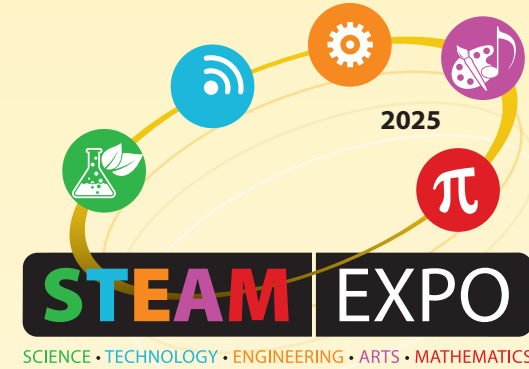
is proud to host, in partnership with local businesses and organizations, the:



FREE, FAMILY-FRIENDLY EVENT!

**Thurs, March 27, 2025
4:30-7:00PM**

**Alexandria Area High School
4300 Pioneer Rd SE, Alexandria
www.alexschools.org/steamexpo**



HANDS-ON LEARNING OPPORTUNITIES WITH:

Art - Culinary Arts - Robotics - Technology - Science Experiments - Music & More!



STARLAB

Headwaters Science Center

This is a portable planetarium where star-gazers can observe the night sky at any time of the day! Learn about stars, constellations, and planets and how they appear in the night sky

on any day and hour of the year. Ages 8 and up. **Showtimes:** 4:40, 5:10, 5:40, 6:10, 6:40. Capacity per showing: 20.

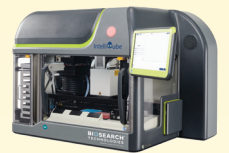
PIXEL PERFECT:

ROBOTIC ART MEETS SCIENCE

LGC Biosearch Technologies

How can a robot, liquid, and lights help scientists learn about plants, animals, and people?

Come and create art to take home using colored water and a IntelliQube robot. We will explore an automated DNA Detecting robot made right here in Alexandria that is used all over the world to discover secrets of the cell. Design your own art for a prize drawing!



GYMNASIUM



**MOVE, THINK, SPEAK:
THERAPY IN ACTION!**

Alomere Health

How do movement, balance, and speech skills work together to help us navigate and communicate in the world?

Discover how therapy helps us move, think, and speak! Pick a card to try a quick and fun activity – like a balancing challenge, a word puzzle, or a tongue-twister. Each task teaches how physical, occupational, and speech therapy work to improve coordination, problem-solving, and communication skills. Complete a challenge to win a prize!



ROBOTS FOR ALL AGES!

Alexandria Area Robotics

Can you build a robot or drive one to complete missions?

CFTC (grades 6-8) robotics will be live, drive their robot and complete the "Into the Deep" missions. FLL (grades 3-5) robots will be live with their "submerged" mission table. Extra

Legos are available to build your own robot design. FRC (grades 9-12) robotics will be showcased on video as they will be at their Iowa competition to play "Reefscape". Come to play with robots and explore all things robotics in the Alexandria area.

EVERY DROP COUNTS

ALP Utilities

What is the most effective way to conserve water?

Learn about how much water our daily activities use and simple ways we can all conserve.



WISHCYCLING IS WRONG *Pope/Douglas Solid Waste Management*

We all think we recycle right. Visit our booth to learn what not to recycle and why. Toss the correct items into the correct holes to recycle right. Learn why recycling right matters to save processing cost, worker safety and equipment wear and tear. When we recycle right, we all win!

GYMNASIUM (CONT.)



FINGERPRINTING THE FUTURE: SHERIFF TECH IN ACTION!

Douglas County Sheriff's Office

How can technology help make fingerprinting safer and more fun?

Kids will enjoy taking their fingerprints with fun, kid-friendly officer, while parents receive a copy for identification or safety records. It's a hands-on, educational activity that's both exciting for kids and useful for parents, combining technology and security in a memorable way!



FLUSH THE KIDS

ALASD

Where does the water go when I flush the toilet?

ALASD will "Flush" you down our toilet and show you where the wastewater goes and how we clean it. ALASD Water Reclamation Facility will show you how much water we are able to save our planet daily!

COMMONS Exhibit Booths #1-20

4-H IS ELECTRIC

Douglas County 4-H

How does electricity work?

Come explore electricity with a variety of hands-on activities, using batteries, magnets and more. Try to make the quarter dance, see what items are magnetic and use wire to try to light up the bulb. We will also experiment with static electricity.

BLOOD!

Alexandria Technical & Community College - Medical Laboratory Technician Program

What do Medical Laboratory Technicians do?

Find out what Medical Laboratory Technicians do and more! View the world of blood under the microscope. Find out what the function of white blood cells, red blood cells and platelets. You will also perform simulated ABO blood typing. Do you know the human blood types and which is the most common and which is the most rare?

ESCAPE THE VAPE WITH VIBE

Horizon Public Health

What is the impact of vaping on your brain and lungs?

Learn how vaping negatively impacts your brain and lung health by spinning the trivia wheel, explore different models, and take what you learn to practice refusal skills! Parents can expect to leave with resources so they feel better equipped to support their kids in staying substance-free.

FAIRY TALE ENGINEERING

Douglas County Library

What kind of house can stop the Big Bad Wolf?

Follow the story of the Three Little Pigs with an engineering twist. Use the direction cards and build a house to stop the Big Bad Wolf. Plus, learn about other STEAM-To-Go kits, Brain Boxes, and Maker Lab activities available at the Library!

FEED THE FLUTTER: A POLLINATOR

PLANTING EXPERIENCE

AAHS Agriculture Dept and FFA Students

How can you support our pollinator friends?

Join AAHS FFA students for a hands-on activity to plant a little pollinator starter that you can take home.

FLAVOR DETECTIVES

Sanford Health

How can sight, smell, and taste influence food flavor?

Why does your food taste different when you have a stuffy nose? How do you know how an apple will taste before you take a bite? Stop by and learn more about how three of our senses work together to provide flavor for the food we eat.

FLOAT YOUR BOAT

Legacy of the Lakes Museum

How does shape affect boat buoyancy?

Learners will experiment with different boat shapes using aluminum foil to see what shape will best float on water. Then they will put their designs to the test by adding weights to see if they continue to stay afloat. This fun activity introduces concepts such as density, displacement, and buoyancy.

FLOWERS! FLOWERS! FLOWERS!

AAHS Agriculture Dept and Floral Design Classes

Do you like working or playing with flowers?

Are you interested in flowers and creating arrangements with flowers? Stop by our booth for your chance to create a own one-of-a-kind floral arrangement. You will be able to take it home and enjoy for several days!

HANDS-ON HISTORY!

Douglas County Historical Society

How do we use modern engineering knowledge and technology alongside historic methods to preserve the past?

Get hands-on with history and see how groups like Northern Bedrock Historic Preservation Corps, Historic Design Consulting LLC, and the Douglas County Historical Society reglaze historic no-lead windows and learn about other specialized preservation methods.

HEALTH HEROES: USING TECHNOLOGY TO DIAGNOSE & TREAT

Bethany on the Lake

How is technology changing to provide more efficient and accurate care to patients?

Join us at our interactive booth where kids can learn about the amazing tools nurses use to keep people healthy! We'll be showcasing an oximeter, an infrared thermometer, AccuVein, and the vitals tree. These devices help nurses diagnose and treat illnesses by monitoring vital signs.

IT'S ALL ABOUT HUMMINGBIRDS!

Prairie Lakes Audubon Chapter

How does a hummingbird fly and how does it pollinate plants?

Come learn how a hummingbird can fly in so many different directions and so speedily. Then discover the way they pollinate plants as they fly from one

flower to another. Students will discover the answers in a hands on activity and learn how to attract and care for hummingbirds.

HOW TO MAKE A HOOP GLIDER!

Alexandria Education Foundation

Will it fly better than a regular paper airplane?

Move over paper airplanes! This straw and paper airplane is easy to make (no origami involved!) and flies like a champ.

HOOKED ON SCIENCE

Milona Science Magnet School

How do fins, body type, and eye position help fish as predators and as prey?

Get hooked on science and learn about fish at our booth! Tie a fishing knot, sort fish based on body shape and fin location, create the life cycle of a fish, and more!

MARVELOUS HONEY BEES

Struthers Honey

How does a honey bee hive operate?

I hope to have an observation hive with a frame of bees and queen. [If we have warm enough weather for me to open a hive]. I will bring different kinds of honey to taste. Also bees wax, pollen and propolis.

PEDAL POWER

Runestone Electric Association

What is an LED?

If you're tall enough to pedal a bike, you are tall enough to generate electricity!

PROTECT OUR POLLINATORS

Youth Eco Solutions

Why are pollinators important and what can we do to protect them?

We will bring sheets of seed paper and ask participates to design, cut, and color their own take-home pollinator habitat shapes.

SHAPING THE FUTURE WITH EVERY BRICK!

Alexandria Public Schools Community Education

How can you use science and engineering to make your building strong and cool using just blocks?

Step into our Engineering Booth and unleash your creativity with hands-on building and mini activities. Are you ready to take on the challenge?



FACE PAINTING

Volunteers from ArtisTree will lend their artistic talents with some fun face painting designs.

WHAT BIRD NESTED HERE?

MN DNR - Lake Carlos State Park

What birds nest here in the Alexandria area? Can you tell what bird made the nest you found?

Birds of all shapes and sizes will be returning to our area soon, joining our year-round residents. They will compete for territory to make a nest and raise a family. You probably have found a nest and wondered what bird made it. Explore our common backyard nesting birds through a matching activity of placing the right bird in the right nest. Participants will experience the unique materials, structure and placement different species have for their nests through other hands-on props.

CULINARY LEARNING LAB (B101)

DECORATE & DEVOUR

Cub Foods & Culinary Arts students

Did you know creating art could taste so good?

Unleash your creativity! Enjoy a cookie decorating experience with provided cookies and icing. Perfect for a fun and tasty activity.

ART LEARNING LAB & ART HALLWAY (A104)

CARTOONED

AAHS Visual Arts students

Have you ever wondered what you would look like as a cartoon?

Have you ever wondered what you would look like as a cartoon? Come and find out as AAHS students transform you into a caricatured cartoon which you are able to take home!

PLAYING IN THE MUD

AAHS Visual Arts students

Prepare to get dirty!

People of all ages will be able to come and experience throwing clay on the wheel in an attempt to create a vessel. This experience on the wheel is difficult, but rewarding. If nothing else, you have permission to get your hands and clothes dirty without getting in trouble! These projects, unfortunately, cannot be kept. You can also hand build with white air-dry clay, which can be taken home and painted after a day or two.

GYMNASIUM

DESIGN BUILD LEARNING LAB (F162 & F163)

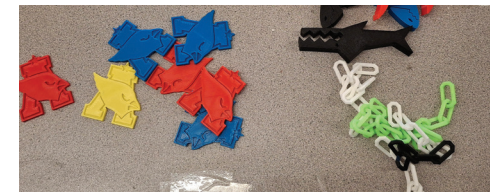
ENGINEERING TECHNOLOGY

EMTNR instructors & students

How are things made in manufacturing?

The AAHS Technology lab will provide exposure for STEAM Expo guests to see Advanced Technology equipment and machine producing parts. Instructors and high school students trained in these technologies will be on-hand to demonstrate the tools and machines that are creating our technical world.

FREE 3D Printed Trinket!



PERFORMING ARTS CENTER

STAGE

4:30-5:15pm

INSTRUMENT PETTING ZOO

Eckroth Music and area musicians will be giving young students a chance to handle and play with real musical instruments. Students will be able to receive advice and talk to experienced musicians, allowing them a great opportunity to learn something about the instruments and possibly spark an interest in music.

5:30-6:00pm

CLASSIC(AL) ROCK

The auditioned orchestra at Discovery Middle School, Stormy Strings, will perform their rendition of a variety of classic radio hits by Journey, Guns & Roses, OneRepublic and more. Included in the set will be popular music from classical radio as well as a few of Stormy Strings' own signature hits. Stop in and enjoy Stormy's twist on fun and familiar music.

6:15-7:00pm

THINK FAST! A CHANCE TO IMPROV!

Aspiring young actors and performers will have a chance to participate with some of the members of the Alexandria Area High School Theatre Program. A great opportunity to learn from students experienced in Improv and hopefully cultivate an interest in the theatre arts!