

CAFETERIA



Entrée #1:
Pulled Pork



Entrée #2:
Pizza

Meals served 4:30pm - 6:45pm

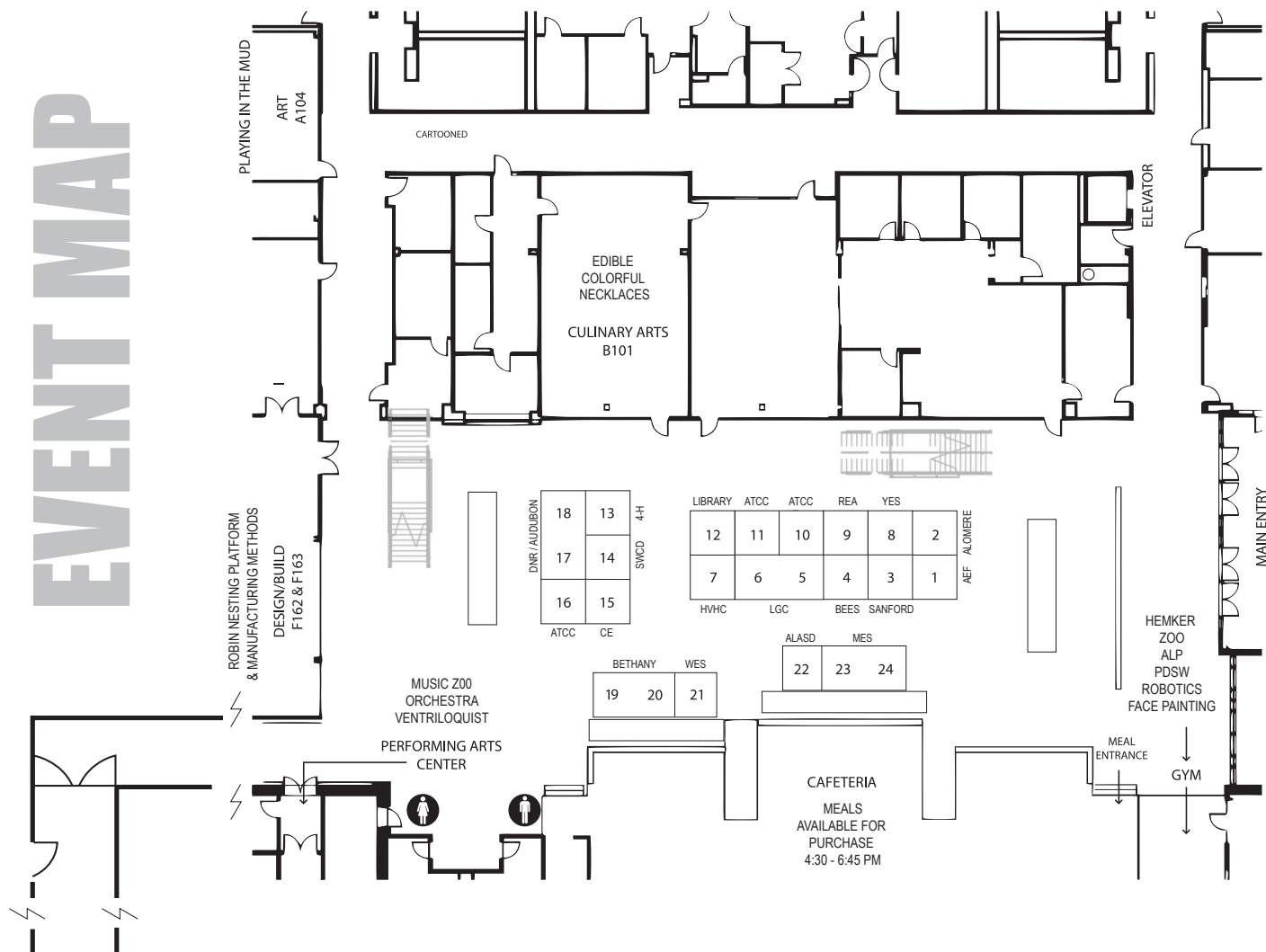
One serving of fresh fruits and one serving of fresh vegetables each will come with an entree purchase.

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

à la carte prices:

- Pulled Pork: \$4.00
- Pizza: \$3.00
- Fresh Fruit: \$2.00
- Fresh Vegetables w/veggie dip: \$2.00
- Milk: \$0.75

EVENT MAP



SPONSORED BY:



ALEXANDRIA PUBLIC SCHOOLS

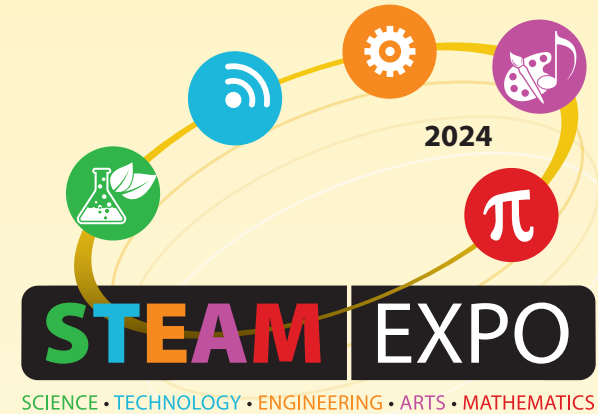
is proud to host, in partnership with local businesses and organizations, the:



FREE, FAMILY-FRIENDLY EVENT!

**Thurs, March 21, 2024
4:30-7:00PM**

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



HANDS-ON LEARNING OPPORTUNITIES WITH:

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

GYMNASIUM



HEMKER ZOO

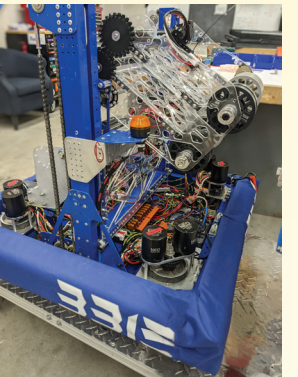
Hemker Park & Zoo's educational Zoo to You program includes a diverse range of creatures, such as two tortoise species, antlers, an armadillo, kangaroo, a red-tailed boa constrictor, smaller snakes, a talking cockatoo, American alligator, lizards, and other animals (subject to availability, as some animals may

be subject to change). Our experienced team of zookeepers will provide a fun learning experience, educating on animals' origins, how we care for them, and their unique adaptations that allow them to thrive in various environments.

ROBOTICS IN ALEXANDRIA

What part of robotics do you fit into?

Come drive a robot, take a look at electrical or programming, or design a shirt for next year's season. There are many ways to enjoy the sport of robotics, let us show you how. See what a robotics season looks like for Alexandria Area students in grades 4-12.



FACE PAINTING

Alexandria Area High School National Honor Society student volunteers will lend their artistic talents with some fun face painting designs.

SAY NO TO WISHCYCLING

Pope/Douglas Solid Waste Management

How do you recycle right to save cost and protect employees and equipment?

We all think we recycle right. Check out the 'wishcycling' bike 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.



SMART ABOUT ENERGY!

ALP Utilities

How can you save energy at home?

Prize wheel with various questions around energy conservation.



COMMONS Exhibit Booths #1-21

ALL ABOUT YES

Youth Eco Solutions

How good are you at Minnesota Trivia?

Join us for some exciting Minnesota Trivia for a chance to win a prize and learn about the Youth Eco Solutions program!

BLOOD!

Alexandria Technical & Community College - Medical Laboratory Technician Program

How does a Medical Laboratory Technician determine a person's blood type?

Participants can perform non-hazardous blood typing and view blood in a microscope.

COME EXPLORE WHAT IS BELOW YOUR FEET!

Douglas County Soil & Water Conservation District

How does soil health impact water quality, which impacts me?

Come build your own dirt cake and learn how soil health is important!

FLUSH THE KIDS

ALASD

What happens to your dirty water when you flush the toilet, take a shower, wash your hands?!

We will "Flush" the kids down a "fake toilet" where they come out as clean water!

GET OUTDOORS WITH OUR GRAB AND GO KITS

Miltona Science Magnet School

How are MN mammals alike and how are they different?

How well do you know your MN mammals? Our "Grab and Go kits" are nature-themed. Come check out MN mammal furs, replica skulls, tracks, and skat! Test your animal identification skills at our booth!

HELP PROTECT OUR BIRDS

Prairie Lakes Audubon Chapter

What are things we can do to protect the birds in Minnesota?

Birds will soon be migrating north again. What can we do to help them while they are in Minnesota. Learn how light affects them, what native plants will provide food for them, and why our decision to use non-lead fishing tackle & ammunition will help protect the birds we love to see and hear.

HOW HIGH CAN YOU GO IN 4-H

Douglas County 4-H

How can you build the tallest tower that will stay standing on its own?

Using limited materials and your imagination, engineer a tower that is the tallest. How high can you build? Come on over and check out our challenge and learn about all of the fun you can have in 4-H!

LIBRARY MAKER LAB

Douglas County Library

How does a 3D Printer work?

Check out a 3D printer and TinkerCad. Attendees can try 3D design on a laptop computer. You can also try the slicing software on another laptop so you can learn how instructions are generated while they are able to watch the printer in action.

LUNGS. HEARTS. & BRAINS. OH MY!

Alomere Health

What is the difference between a healthy and unhealthy body?

This exhibit takes visitors on a journey inside the human body! You will learn about various body parts that make up each unique human body with real life specimens. This exhibit aims to inspire visitors to live a healthy lifestyle and reflect how unique each human body is.

MAGNETIC ATTRACTION - IT'S GENETIC!

LGC, Biosearch Technologies

How can magnets be used to find the iron in your food and to find DNA in plants?

Come play with your food and use magnets to find the iron hidden inside. After that, you're ready to be a genetic scientist and see how magnets are used to remove DNA from plants to enable scientists to create new and better plant hybrids for us to grow.

MAGNETS NEED FRIENDS TOO!

Alexandria Technical &

Community College -

Early Childhood Education Program

What is and isn't magnetic?

Our youngest scientists will explore what is and isn't magnetic while engaging in real-life work. Building materials of all shapes and sized will be available for expanded investigation. Come build, explore, and make new (magnetic) friends!

MARCH INTO GOOD NUTRITION

Sanford Health Alexandria and

Parkers Prairie

How can you make good food choices to balance your plate?

How can a baseball help make a good food choice? Stop by and learn how to compare everyday items to help guide your eating choices. Discover how to fill your plate to keep your body healthy.

MARVELOUS HONEY BEES

Struthers Honey

How do honey bees function?

View bees wax, pollen and propolis and sample different varieties of honey.

NURSING SIMULATION MANIKIN

Alexandria Technical & Community College -

Nursing Program

How can Charlie teach nursing students how to care for a child in a real hospital setting?

Students will be able to listen to abnormal lung sounds and then will see a child receive an inhaled medication treatment being delivered to a pediatric patient. The students will be able to listen to the patient again after the medication treatment and will be able to hear the lungs change to normal (clear) sounds.

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!

POSITIVE CHOICES: SOCIAL MEDIA AND ME!

Healthy Voices Healthy Choices

How does social media impact health?

Spin the wheel to learn about how social media can impact your physical and mental health in various ways! This exhibit aims to show positive and negative impacts of social media, and provide tips on how to use social media in safer, healthier ways.

SCIENCE AS AN ART

APS Community Education

Who am I in the world of STEAM?

Whether you're painting a picture, building a LEGO masterpiece, or asking questions about how the world works, you're being a little bit like a scientist and an artist at the same time – using your imagination, creativity, and curiosity to explore and create something wonderful! Bottom line, you could be anyone you want to be!

SPRING FLING: BIRD MIGRATION AND NESTING

MN Dept of Natural Resources - Lake Carlos

What are the reasons birds migrate or do not migrate? How are bird home ranges changing?

Birds are fascinating creatures that fill our world with color, sound, and motion throughout the year, but the species that are here change based on the season. More than half of the over 650 species of North American breeding birds migrate. Here in Alexandria we can see and hear this with the arrival of spring when the spring migrants start to appear. What drives them to make these moves? Explore the world of migration with Area Naturalist Ben Eckhoff from Lake Carlos State Park.

THE FUTURE OF NURSING

Bethany on the Lake

What are ways to use Virtual Reality to enhance your skills?

UbiSim is a virtual reality health care simulator. Monarch is using the Meta Quest 2 and tailoring VR to Skilled Nursing education. We want to offer our employees cutting-edge technology to improve our ability to engage our team in modern ways. This allows employees to make mistakes in a virtual environment and we can empower our team to do better for our residents. Meet Teri, the Smart Mannequin from NASCO. Teri is designed to be one of the best healthcare training devices on the current market. We can give Teri CPR, with real-time data on how well the student performs. Other amazing features of Teri include wound care, blood draws, auditory lung and heart sounds, and many prebuilt scenarios.

WOODLAND WONDERS

Woodland Elementary School

How are the woodlands helping Woodland Elementary?

Learn how Woodland Elementary Scientists are using the woodlands to grow their knowledge about science. Make or Take an activity that will help you explore all that the woodlands have to offer!

ZESTY CHEMISTRY!

Alexandria Education Foundation

What do you get when you mix citric acid (from an orange) and baking soda?

Oranges are filled with citric acid. It is a safe acid. Baking soda is a base, the opposite of an acid but also safe. As the citric acid and baking soda mix, it makes

millions of carbon dioxide bubbles, the same gas that makes pop so fizzy! We'll mix the two so you can see for yourself!

CULINARY LEARNING LAB (B101)

EDIBLE COLORFUL NECKLACE

APS Community Education

How many colors of the rainbow are on your necklace?

Edible colorful necklace activity is a delightful and hands-on workshop where children have the opportunity to create their own unique and tasty accessory. This is a fun and interactive experience, combining elements of creativity, craftsmanship, and, of course, deliciousness.

ART LEARNING LAB (A104)

CARTOONED

AAHS Visual Arts students

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.

DESIGN BUILD LEARNING LAB (F162 & F163)

MANUFACTURING METHODS

EMTNR instructors & students

What equipment is involved in the manufacturing process?

3D Printing, Laser Engraving, Virtual Welding, Plasma Cutting

ROBIN NESTING PLATFORM

Led by Boy Scout Troop 418. Materials donated by ATCC. Kits cut by ATCC Carpentry instructor & students.

What kind of bird helps control insect populations while also dispersing fruit seeds?

Help us welcome Spring back as you build a Robin nesting platform with simple hand tools. Participants will be guided through the construction process and will be able to take their project home upon completion.

PERFORMING ARTS CENTER

STAGE

4:30-5:15pm - Music Zoo

5:30-6:00pm - Discovery Middle School Stormy Strings



The DMS Stormy Strings are an extracurricular chamber orchestra open to 6th, 7th, and 8th graders at Discovery Middle School. The students must pass an audition to join the group.



6:15-6:45pm -

James Wedgwood Ventriloquist

Comedy ventriloquist James Wedgwood performs across the country. The show is full of fun characters, hilarious audience participation, and always a few surprises! You may have already seen James on TV or at the State Fair! He truly is "The Most Fun You Can Have Without Moving your Lips!"

