

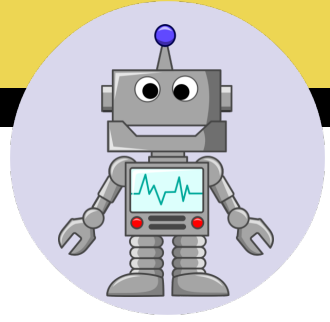
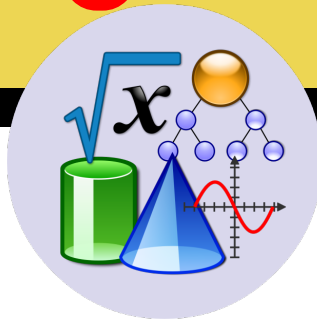
<https://www.signupgenius.com/go/FRSDStreamExpo2022>

FRANKLIN REGIONAL
STREAM
SCIENCE TECHNOLOGY RESEARCH ENGINEERING ARTS MATH
2022 EXPO

Sign-Up Runs
April 13 - May 6

**SignUp
Genius**

Each course will close once
the maximum number of
students is reached



STREAM activities will be offered
for students in Grades K-8

Thursday, May 12, 2022
5:30-8:30 P.M.

FR Intermediate School

ACTIVITY THEMES

M MAKER
WORKSHOP

T/M TECHNOLOGY
& MATH

A ARTS

O OUTDOOR
EDUCATION

S SCIENCE

remake
learning

KONAICE

Location within
the School:

2 2nd Floor

1 1st Floor

G Ground
Floor

STUDENT MUSICIANS WILL PROVIDE ENTERTAINMENT

Activity Descriptions & Registration Information

Stream Safari (Grades K-8)

Be prepared to get WET and MUDDY! Join us on a spectacular stream safari as we conduct water chemistry experiments and take a peek at the amazing macroinvertebrates lurking underwater. Wear boots or old sneakers (no open toed shoes permitted) and dress for the weather!

Location: Outdoor Activity (Near the creek outside of FR Intermediate School)

Teachers: Lynne Stalnaker, Jim Passarrelli, Amy Smith

Max Class Size: 25 Students per session

Time(s): Three sessions (5:30-6:30) (6:30-7:30) (7:30-8:30 PM)

Meet at the
main entrance



The "Harmless Holder" (Grades 5-6)

Why do manufacturers use plastic "holders" to group cans of soda together? Unknown to many, these plastic hoops are dangerous and bring harm to many varieties of wildlife. Design an environmentally-friendly holder for your favorite summer drinks while saving our wildlife!

Location: 1st Floor Innovation Center (C102)

Teachers: Todd Binnig

Max Class Size: 15 Students per session

Time(s): Three sessions (5:30-6:30) (6:30-7:30) (7:30-8:30 PM)



Battle "Sphero" Bots (Grades 2-5)

Do you have what it takes to build your own fighting robot from a red Solo cup? If so, you will have the chance to design and build your own LEAN, MEAN, fighting robot MACHINE at this year's STREAM Expo! Join us for fun and DESTRUCTION!

Location: The Creativity Center

Teachers: Jason Miller & Mike Dibert

Max Class Size: 15 Students per session

Time(s): Two sessions (5:30-7:00) or (7:00-8:30)



FUN with Robots and the FRobotics Team (Grades K-8)

Sessions will be led by students from FRSH! The FRobotics team built a robot for major FIRST Robotics Competitions and are ready to dazzle onlookers! Learn about the systems and components in robot construction, interact with the robot, and have an opportunity to take over the control to lob some giant tennis balls for your friends. Join us for this amazing demonstration!

Location: FR Intermediate Gymnasium

Teachers: Greg Vincent & the FIRST FRobotics Team #4150

Max Class Size: 12 Students per session

Time(s): Six sessions (5:30-6:00) (6:00-6:30) (6:30-7:00) (7:00-7:30) (7:30-8:00) (8:00-8:30)



Activity Descriptions & Registration Information

Adventures with Dot and Binary Code (Grades K-2)

Primary students will use block programming to complete challenges with the TINY and BRAINY robot named "Dot." They'll watch "Dot" come to life as they code sounds and lights. Binary code will be taught as students create a plant marker using beads and plant a live herb to take home!

Location: 1st Floor STREAM Classroom (C101)

Teachers: Tammy Gianvito & Emily Krivoniak

Max Class Size: 20 Students per session

Time(s): Three sessions (5:30-6:15) (6:30-7:15) (7:30-8:15)



Read, Imagine, Make: A Family Adventure (Grades K-5)

Dive into some amazing maker-themed stories together as a family! Embark on a creativity adventure as you find inspiration from the books to solve unique challenges and make innovative creations. Let your imagination unfold. Read, imagine, build, design, innovate, and create TOGETHER!

Location: FR Intermediate Media Center

Teachers: Jennifer Beck & Christy Belgiovane

Max Class Size: 10 Families per session (including children/adults)

Time(s): Six sessions (5:30-6:15) (6:30-7:15) (7:30-8:15)



Fabulous Finch Figures (Grades K-5)

Come and spend an evening exploring the NEW Finch Robots and challenge yourself to code yours to draw geometric figures or any other figure of your imagination! Fun for ALL!

Location: FR Intermediate Gymnasium

Teachers: Kim Ord & Linda Brecht

Max Class Size: 10 Students per session

Time(s): Three sessions (5:30-6:00) (6:30 -7:00) (7:30-8:00)



Birdhouse Builders (Grades K-3)

Spring has arrived! Design and construct a bird house using recycled materials to attract your favorite feathered friends. Participate in a scavenger hunt to gather natural materials that can be used in your project and learn about the many birds local to our area!

Location: Art Classroom (outdoors, weather permitting)

Teachers: Kaitlyn Good & Sue Callihan

Max Class Size: 12 Students per session

Time(s): Three sessions (5:30-6:15) (6:30-7:15 PM) (7:30-8:15)



Activity Descriptions & Registration Information

Bug Hunt (Grades 3-6)

Computer bugs have been sabotaging the codes for our Ozobots and have them all messed up! We need help to catch those bugs in order to fix our codes! This event includes (4) challenges that involve both block coding and color coding. We need your help to get our BUGGY programs back on track!

Location: Classroom C114

Teachers: Stephanie Santone & Cailyn Bennett

Max Class Size: 24 Students per session

Time(s): Three sessions (5:30-6:15) (6:30-7:15) (7:30-8:15 PM)



Movin' and Groovin' (Grades K-8)

Let's move to some music! Join Mrs. Z for some folk dancing and games with familiar tunes! Stop in for a quick dance party to try something totally NEW. Student and parent participation is encouraged!

Location: FR Intermediate Music Room

Teachers: Katie Zoeller-Steele

Max Class Size: 16 Students/Parents per session

Time(s): 15 minute sessions as follows: (5:30, 6:30, 7:30 for K-1-2); (5:45, 6:45, 7:45 for Gr. 1-2-3-4); (6:00, 7:00, 8:00 for Gr. 2-3-4-5-6); (6:15, 7:15, 8:15 for ALL AGES)



Science with SNHS (Grades K-5)

Round and round we rotate to experience SEVEN SENSATIONAL SCIENCE STATIONS! Try your hand at Chromatography, Circuit Bugs, Dry Ice, Strawberry DNA, Making Slime, Diet Coke & Mentos, and mini Rube Goldberg.

Location: FR Intermediate Cafeteria

Teachers: Rebecca Connelly & Teresa Becse

Max Class Size: 35 Students per session

Time(s): Three sessions (5:30-6:30) (6:30-7:30) (7:30-8:30 PM)



CODE-TACULAR Coding Carnival (Grades 3-5)

Step right up! Step right up! Try your luck and showcase your coding skills at the following Carnival Coding Games...Ducky Fun, Balloon Pop, Face Painting, and Goldfish Toss! It will be the GREATEST SHOW in Murrysville!

Location: Ground Floor Innovation Center (C001-C002)

Teachers: Carmen Loughner & Addie Martz

Max Class Size: 20 Students per session

Time(s): Six sessions (5:30-6:00) (6:00-6:30) (6:30-7:00) (7:00-7:30) (7:30-8:00) (8:00-8:30)

