



STREAM Classes

Summer School 2024 Course List

Grades K-1

Art Start (Grades K-1)

Develop an artistic eye for color, shape, texture and form. Work with materials like chalk, paint, fabric and clay as you explore different media and techniques to express your creativity.

8:45 AM-10:15 AM or 10:30 AM-Noon

Race to Recycle: One Mouse's Journey (Grade K Only)

Students become computer engineers as they work to clean up a park and keep trash out of the landfill. They'll design a program for a robot that takes trash to the right bin.

8:45 AM-10:15 AM or 10:30 AM-Noon

Keeping It Cool – Engineering Sun Hats (Grade K Only)

Students explore the cooling effects of shade as they engineer sun hats that block sunlight to meet their user's needs

8:45 AM-10:15 AM or 10:30 AM-Noon

Lego Engineering (Grade 1st Only)

Students will enjoy learning about mechanical engineering and coding through Legos. Projects emphasize simple machine mechanisms, including levers, gears, and pulleys.

8:45 AM-10:15 AM or 10:30 AM-Noon

Light It UP - Nightlights (Grade 1st Only)

Students investigate how materials interact with light as they engineer unique nightlights that meet user preferences and communicate a message.

8:45 AM-10:15 AM or 10:30 AM-Noon

Grades 2-3

Young Chefs (Grades 2-3)

Students will be introduced to culinary creativity and discover what comes with making and preparing food. They will work with many different ingredients and learn about food presentation.

10:30 AM-Noon

Music is Elementary (Grades 2-3)

Students will explore all elements of music – rhythm, melody, movement, rhyming, etc. They will sing, move, and use instruments to make music.

8:45 AM-10:15 AM or 10:30-Noon

Seeing Animal Sounds (Grades 2-3)

Students will learn about the properties of sound and its many applications in fields from animal research to the design of musical instruments. They'll design their own systems (instruments) for representing animal sound

8:45 AM-10:15 AM or 10:30-Noon

Giving Nature a Hand – Engineering Pumpkin Pollinator (Grades 2-3)

After learning about pollinators and their importance, students engineer hand pollinators that move pollen from one pumpkin flower to another.

8:45 AM-10:15 AM or 10:30-Noon

Grades 4-5

Lego Robotics (Grades 5-7)

Students will program Lego robots and investigate how sensors work. They will then solve challenges that provide a way for students to apply their learning.

8:45 AM-10:15 AM

Young Chefs (Grades 4-5)

Students will be introduced to culinary creativity and discover what comes with making and preparing food. They will work with many different ingredients and learn about food presentation.

8:45 AM-10:15 AM



An Alarming Idea – Engineering an Alarm Circuit (Grades 4-5)

Students explore electricity and its use in everyday technologies. Students then design their own electrical alarm circuits.

8:45 AM-10:15 AM or 10:30-Noon

Getting Across – Engineering Safety Vests (Grades 4-5)

Students engineer vests that incorporate an electric communication system to increase pedestrian, cyclist, or skateboarder safety at a busy intersection.

8:45 AM-10:15 AM or 10:30 AM-Noon

Grades 6-7

Advanced Lego Robotics (Grades 5-7)

This course is for students that have already taken lego robotics in Exploration University this Spring. Students will take their learning to the next level, by learning new sensors, additional motor functions, and new combinations to complete more complex challenges

10:30 AM-Noon

Doctor's Orders – Engineering Medicine Coolers (Grades 6-7)

Students explore heat transfer as they engineer chemical cold packs and insulation for a container that keeps medicine cool.

8:45 AM-10:15 AM or 10:30 AM-Noon

Don't Slip – Engineering Eco-Friendly Slippers (Grades 6-7)

Students investigate balanced and unbalanced forces with a focus on friction as they engineer an affordable, eco-friendly slipper with a safe amount of traction.

8:45 AM-10:15 AM or 10:30 AM-Noon

Music Camps (Grades 4-7)

Band - Have fun playing your instrument this summer. Learn band music and work on fundamentals, do some ear training, and perform in our summer band concert.

Advanced - Must have completed at least 2 or more years of band.

8:45-10:15 AM

Intermediate - Must have completed at least 1 year of band.

10:30 AM-Noon

Intermediate Mentor

An advanced student who is registered for Advanced Band. Students are welcome to stay for extra practice and to help Intermediate students.

10:30 AM-Noon

Orchestra - Play new music, learn new techniques, have fun making music with friends, and perform in our summer band concert.

Advanced -Must have completed at least 2 or more years of orchestra.

8:45-10:15 AM

Intermediate - Must have completed at least 1 year of orchestra.

10:30 AM-Noon

Intermediate Mentor

An advanced student who is registered for Advanced Orchestra. Students are welcome to stay for extra practice and to help Intermediate students.

10:30 AM-Noon



Sports Camps w/Lunch (Grades 4-7)

Soccer and Basketball (Grades 4-7)

Sports camps are a great way to hone your skills and release some energy! We are excited to again be able to offer each sports camp for a full 3 weeks!

Lunch is included with a Sports Camp registration.

12:15-2:00 PM

Soccer

Basketball

Introducing Cheer Camp! (5-7)

Open to all incoming 6th, 7th, and 8th graders interested in cheerleading. Our week long camp will include an introduction to sideline cheers, stunting, tumbling, and jumps. All levels/experience are welcome. Please come dressed in cheer appropriate attire, this includes: no jewelry, closed toe gym shoes, and comfortable but appropriate workout clothes. Get ready to show your school spirit all week long at camp!

July 22nd – July 26th

12:15-2:00 PM