

Wings of Eagles Summer Programs 2022

NOTE: ALL students MUST Register & Provide Emergency Contact Information – ([Click Here](#))

- 1. Students need to bring their non-microwavable lunches daily.*
- 2. Students must be picked up by 3pm daily.*
- 3. Purchase Classes - [Link](#)*

PRE K

Maker Space PRE-k:

This class is designed for our 3–4-year-old learners and will be offered as a full day class. Students in this pre-k group will get an introduction to our maker space and will have the opportunity to explore and use engineering and math skills.
July 11-15 9:00-3:00PM at Wings of Eagles

GRADES K-2

Maker Space Tot:

Are you curious about how things work? You can use your own imagination and creativity during this week using Lego's, simple science, and stories. Come explore with us!
July 18-22 9:00-3:00PM at Wings of Eagles
We also offer take home kit offers for independent learning.

Marker Space Tot 2:

Come to our maker space and explore hands on crafts, sewing, 3D printing, Legos, programming and robotics. This session will focus on making with our little learners and will be part two of the class offered earlier in the summer.
August 1-5 9:00-3:00PM at Wings of Eagles

Exploratorium:

Discover all that the world has to offer in this fun and exciting class about how the world works. We will discover and explore physics, chemistry, biology and more.
July 25-29 9:00-3:00PM at Wings of Eagles

Lego Learners With

Spike:

Students will build and create various engineering designed projects using LEGOs while also completing various hands-on challenges and inventive projects.

August 15-19 9:00-3:00PM at Wings of Eagles

Become a Stemster:

Rock out all the stem projects during this fun and exciting class. Make the most out of this week and become a card-carrying Stem learning kid. We will work on engineering/ designing and follow in the footsteps of great aviation pioneers like Glen Curtis and the Wright Brothers.

August 8-12 9:00-3:00PM at Wings of Eagles

3-2-1 Blastoff:

Do you want to be an astronaut when you grow up? If so, this class is for you. Learn the in and outs of outer space. Learn about what it takes to rocket into space. Fun hands on activities including prevocational skills and more during this weeklong program.

August 8-12 9:00-3:00PM at Wings of Eagles

GRADES 3-8

Mars Base Eagle:

Did you know that we are projected to have a man on mars by 2040? Learn about Mars and experience how we will colonize the planet in the near future. Learners can join our virtual season via zoom, using a packet of take home materials provided. Students will have a family pass to visit our colony during regular business hours. **August 1-5 9:00-3:00PM at Wings of Eagles**

We also offer take home kit offers for independent learning.

BUILDING CONSTRUCTION

Maker Space:

Our Makerspaces goal is to provide students with a hands-on, creative, user friendly, "anytime, anyplace", opportunity to build and create things. This class will allow students the opportunities to use basic construction building tools and build prevocational skills. We will be constructing projects that could include yard games like corn hole and Yahtzee! If you joined us last year, come again and make something brand new.

July 11-15 9:00-3:00PM at Wings of Eagles

Take Flight:

Hop into the pilot seat, learn the basics of aviation; take the controls and get ready to learn the basics behind flight. We will build airplanes and learn using actual flight simulators. Our new and upgrade virtual reality experience is heart stopping fun and excitement. This non-stop action is great for students that love video games and science. We will also be exploring, building, and launching rockets during this take flight course.

July 11-15 9:00 –3:00 PM at Wings of Eagles.

We also offer take home kit offers for independent learning.

NXT MINDSTORM ROBOTICS: *Do you love the Disney / Pixar movie WALL·E? Do you like to build things using LEGOs? Have you ever thought about programing your own robot? If you answer yes to these questions our LEGO Robotics course is for you!* This introductory course introduces students to the basics of NXT LEGO Robotics. Students will work in teams to design, build and program their own robots. Students will be involved with programming their robots through several challenges.

July 18-22 9:00-3:00 PM

The Science Behind Sports:

Do you like to play sports? Do you enjoy demonstrating how powerful your body can be? When you play in gym you are also doing science. Sports are a powerful example of science at work. Come explore the science and enjoy playing sports and game with classmates.

July 25-29 9:00-3:00PM at Wings of Eagles

Science on the Daily Part 1:

Explore a different science theme every day.
Monday: Biology Tuesday: Chemistry Wednesday: Physics
Thursday: Earth Science Friday: Engineering

July 18-22 9:00-3:00PM at Wings of Eagles

Science on the Daily Part 2:

Come out and learn all about different careers and jobs in each of the different science fields. Fields trip to near-by local business will make this class an all around fun experience.

August 15-19 9:00-3:00PM at Wings of Eagles

Forensics:

Solve the mystery at the museum while building your skills at forensics. Fingerprinting, DNA analysis, impressions, and more. You will use your best STEM skills to solve the case.

July 25-29 9:00-3:00PM at Wings of Eagles

Engineering Design with Water Fun:

Learn science, math and engineering while playing with the design of rollercoasters and water slides. Have you ever wondered why rollercoasters work? Why are water slides so fast? Could we build a better slip and slide? This hands-on camp will teach you how to think like an engineer.

August 15-19 9:00-3:00 PM at Wings of Eagles

Fun with Science:

Household products are curiously inspiring: With a splash of food coloring and a teaspoon each of liquid starch and glue, We can concoct an elastic, Slimy glob technically known as a "non-Newtonian fluid. We even make our own bubble gum! Come out and enjoy our course in the hands on and edible.

August 1-5 9:00-3:00 PM at Wings of Eagles

We also offer take home kit offers for independent learners.

Career and Vocational

Training 101:

It's never too early to explore careers and vocations. This weeklong course will include hands on vocational training and guest speakers in different careers available in our area. Fields trips also help to round out this class.

August 8-12 9:00-3:00 PM at Wings of Eagles