

Summer 2020

DISCOVERY CAMPS



Discovery Camps run from June 29 - September 4

Registration opens February 14

EARLY BIRD DISCOUNT:

Register by May 1 to save 5% per camper per week

Early bird discount will be combined with 10% off member discount

- All camps run 9 a.m. – 4 p.m.
- Campers ages 3-5 must be toilet trained (*no Pull-Ups*)
- Registration with payment required at least two (2) weeks prior to each session
- Campers are asked to bring a bagged lunch (daily snack provided)
- Early drop off available starting at 8:15 a.m.
- LATE PICK-UP: 4:30 - 5:30 p.m.; \$8 per 30 minutes per day (must be arranged at time of booking)

Week 1 • 6/29 - 7/3 • \$250

FUN WITH H₂O • AGES: 3-4

If you love playing with water, then this camp is for you! Join us for some fun discovering all the wonderful things water can do.

MAKE & TAKE SCIENCE • AGES: 5-6

A perfect week for campers who love toys and science! Come learn science while making things that you can play with at home. Spinning toys, flip books, hovercrafts and more are all part of this fun and playful week.

Week 1 • 6/29 - 7/3 • \$250

HOMEMADE SCIENCE • AGES: 7-8

What amazing things can you make from scratch? Many everyday things are easy to make using a bit of science and your creativity. Dig in, get messy and have fun!

HOW IT'S MADE • AGES: 8-9

Ever wonder how gum is made? Discover the history of everyday things and how they are made and make some DIY creations of your very own!

THE SCIENCE OF NANO • AGES: 10-11

Nanometer-sized things are extremely small - 1 billionth of a meter small! Discover nanoscale science and engineering by using your sense of smell, examining the nano-property of gecko feet, exploring the conductivity of graphite and much, much more!

MAKE YOUR SUMMER • AGES: 12-15

Let your imagination run wild as you build and create a project of your own using the basic skills learned each morning. Carpentry, 3D technology and soldering are all part of the learning fun.

Week 2 • 7/6 - 7/10 • \$250

PLAYFUL PHYSICS • AGES: 3-4

Build it up, tear it down, roll it around and experience the fun of physics and play.

A PIRATE'S LIFE FOR ME • AGES: 5-6

Pirates knew a lot about science. Be a part of a piratin' adventure to learn about ocean life, boats, mapmaking, the night sky and more. Then, use your skills to search for Captain Chauncey's lost treasure!

ENGINEER IT • AGES: 7-8

Design, invent, create and discover! Your imagination will soar as you learn the basic principles of engineering and apply them to your own designs. Make glue, build an emergency shelter, construct an air-powered car and more!

ROLLER COASTER PHYSICS • AGES: 8-9

Do you know that roller coasters use the laws of physics? Energy, gravity and friction all contribute to making them work. Come learn the science behind roller coasters while creating your own thrilling ride.

ARCHITECTURE 101 • AGES: 10-11

If you dream of becoming an architect, then this camp is for you! Come learn the basics of technical drawing, blueprint reading and model construction. You'll use your newly acquired skills - and your imagination - to design and build a scale model of a house of your very own.

Week 2 • 7/6 - 7/10 • \$250

CIRCUITS • AGES: 12-15

From snappy to squishy, sirens to series - circuitry will power our week. Join us for a hands-on science camp where campers will learn and master the world of circuitry!

Week 3 • 7/13 - 7/17 • \$250

MAGICAL SCIENCE • AGES: 3-4

Explore the magical world of science! Make an exploding rainbow, create crystals and even whip up a batch of galaxy slime. This magical camp is sure to be oozing with fun.

STORYBOOK SCIENCE • AGES: 5-6

Children's literature opens the door into the land of science and imagination. Every day, children's books will be brought to life with fun experiments. Learn how to make color run, spaghetti dance, a canister pop and much more in this week of captivating stories and hands-on science.

WEIRD SCIENCE • AGES: 7-8

Learn how much fun science can be as you conduct "weird" experiments. Unravel the mysteries of science as you explore electricity, chemistry, light and sound. Make slime, sink the unsinkable, see paper dance, and so much more!

SURVIVAL SCIENCE • AGES: 8-9

Imagine that you are stranded on a desert island far away from civilization. What will you drink? How will you know what the weather will be? This hands-on camp will teach you how to test the quality of the water, make weather instruments, use the sun's energy to make something to eat and many other skills that can help you survive.

BOARD GAME MASTER • AGES: 10-11

Do you love playing board games? Strategize and play during this week long camp filled with the best and most popular board games. Understand the cultural significance behind some of history's most beloved games by looking at key pieces of the museum's collection and their modern equivalents.

DIY MAKER LAB • AGES: 12-15

Calling all makers! Join us for five days of tinkering fun using the skills you learn to make things with electronics, textiles and anything else that's in our workshop!

Week 4 • 7/20 - 7/24 • \$250

DINOSAUR DISCOVERIES • AGES: 3-4

Are you a budding paleontologist? Then come take a close look at dinosaurs and their relatives. Enjoy learning about fossils, dinosaur diets and more!

Week 4 • 7/20 - 7/24 • \$250

DINO QUEST • AGES: 5-6

Travel back in time to examine dinosaurs and explore their world. How big were they? What did they eat? Play the role of a paleontologist and “dig up” the answers to learn about the life of those amazing prehistoric animals.

EARTH'S WILD RIDE • AGES: 7-8

Tsunami, tornadoes, tectonics and more! Explore the exciting science of our marvelous Earth and discover how rocks, wind and water work together to create amazing wonders. It's sure to be a rockin' good time!

EXTREME EARTH • AGES: 8-9

Join us for five days of investigating earthquakes, volcanoes, tsunamis and other natural phenomena! Discover how scientists uncover the mysteries of our ever changing earth. Dig into the Earth's past and understand our role in its changing future.

SCIENCE ESCAPE ROOM • AGES: 10-11

If you love to solve puzzles, then this camp is for you. Work with your fellow campers to find clues and solve puzzles all for the goal of “escaping” your camp room. Will you get out in time?

ROBOTICS • AGES: 12-15

Are you interested in building robots but don't know where to start? Explore a variety of robots that come in all shapes and sizes. Dive into the different aspects that go into creating a robot and think about how robots can change the world. *Additional \$30 supply fee needed.*

Week 5 • 7/27 - 7/31 • \$250

SCIART • AGES: 3-4

Are you a future artist? A painter? A sculptor? Join us as we uncover fascinating science through fun arts and crafts projects.

SCIENCE IS ART • AGES: 5-6

Create unique works of art while exploring the world of science. Use nature to make paint, make crayon resist art and even scavenge materials to create your own sculpture. These activities and more will be part of the fun that you will have while using science to make art.

CHEMART • AGES: 7-8

Creativity and scientific thinking go hand in hand as you learn science through chemistry! Investigate chromatography, experiment with the densities of paint, explore (mild) acids and bases and enhance your artwork using electricity. These activities and more will be part of a creative and explosively fun week!

These camps are designed to complement the *Art Explorers* camp at Albright-Knox Northland on July 6 – 10, July 20 – 24, & August 3 – 7. *More info at albrightknox.org*

Week 5 • 7/27 - 7/31 • \$250

CHEMICAL CONCOCTIONS • AGES: 8-9

Put on your lab coats, roll up your sleeves and get ready to have a bubbly good time mixing up all kinds of powdery and wet ingredients. Here's a camp where chemistry will ooze between your fingers and run down your arms if you don't watch out.

FLIGHT SCIENCE • AGES: 10-11

Discover the simple pleasures of the skies. Design, construct and experiment with a variety of flying machines. With a museum to inspire us, we'll go from copying flight in the natural world to constructing gliders, hot air balloons and more.

ROCKET SCIENCE • AGES: 12-15

This camp is sure to be a blast! You'll construct and launch a variety of rockets, including a reusable model rocket with refillable engines. Come prepared to start your journey to become a rocket scientist. *Additional \$30 supply fee needed.*

Week 6 • 8/3 - 8/7 • \$250

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