

Natural History Museum of Utah Summer Camp 2018

Have you noticed that your child is a natural investigator?

The desire to explore and ask questions is a part of childhood and is a key ingredient to successful science exploration. Nurturing that natural investigator helps create a lifelong learner and a powerful problem solver.

At NHMU, we strive to inspire a sense of self that empowers authentic explorations, nurtures meaningful relationships, and connects innovative minds with STEAM (Science, Technology, Engineering, Art, and Math) investigations.

NHMU Summer Camp brings amazing science- and nature-based camp experiences to your kids. Camps take full advantage of the Museum's exhibits, outdoor spaces, and the natural environment of the foothills.

At our camp, your child will:

- **Explore the natural world from new perspectives**
- **Put the scientific method into action**
- **Engage in authentic experiences with Museum staff and specimens**
- **Make new friends and have fun!**

The Basics

- Each camp is designed to capture the attention and interest of your child and is targeted for the grade they will enter in the fall of 2018.
- NHMU Summer Camps run in week-long, half-day or full-day formats.
- Camp sessions vary in price, depending on grade, length of day, and duration of week. Check individual listings.
- Partner Camps for children entering 2nd-3rd grades begin at the partner location and end at NHMU, unless otherwise noted.
- Partner Camps for children entering 4th-5th grades begin at NHMU and end at the partner location, unless otherwise noted.
- Campers enrolled in full-day sessions should bring their own non-refrigerated lunch from home along with a drink. We offer a supervised lunch hour that includes time to explore outside.
- Campers will receive a reusable water bottle and a camp shirt with their camp registration fee.
- Visit our Frequently Asked Questions page on our camp website or feel free to contact the Camp Director at programs@nhmu.utah.edu

Summer Camp 2018 Schedule

Week 1..... June 4 - 8

Week 2 June 11 - 15

Week 3 June 18 - 22

Week 4 June 25 - 29

Week 5 July 9 - 13

Week 6 July 16 - 20

Week 7* July 25 - 27 (*W-F Only)

Week 8..... July 30 - August 3

Week 9 August 6 -10

Week 10 August 13 - 17

- No camp sessions offered July 2 -6 due to the Independence Day holiday.
- *Week 7, July 25 - 27, is a three-day week (*W-F) due to the Pioneer Day holiday.
- Not all school districts begin summer break at the same time—check your school schedule before registering.

Camp Fees

Prices vary. See individual listings.

Members Receive a Discount, Plus Early Registration Opportunity!

- **Family Members** receive a 10% discount on all camps
- **Naturalist and Curator Members** receive a 15% discount on all camps
- **Copper Club Members** receive a 20% discount on all camps

Camp Partners

We are pleased to work with several community partners to enrich your child's learning experience this summer.

Visit our website for more information on these partner organizations including drop-off and pick-up locations.

Register Online Now www.nhmu.utah.edu/summercamp

2nd & 3rd Grade MUSEUM CAMPS

NHMu second and third grade camp sessions are for students who will enter either of these grades in the fall of 2018. For Partner Camp listings, where needed, transportation between sites is provided.

Please note that not all school districts begin summer break at the same time—check your school schedule before registering.

Price and duration of camps vary.
See individual listings.

Explorations in Biology

Partner Camp with BioEYES, Department of Pediatrics at the U of U

Join us for a week of hands-on science! Each morning, campers will learn about the lifecycle and habitats of zebrafish, a tropical freshwater fish that is used extensively in scientific research. Students will tour the core facility, extract DNA, create a fish model, and explore the use of microscopes. Each afternoon will find campers at the Museum, investigating animal adaptations and habitats. Students will make close observations of creepy crawlers, design animal models, and will study the unique ecosystems of Utah. Plus, visit our *Nature's Ultimate Machines* exhibit. Drop camper off at the Health Sciences Education Building by 8:30 a.m. and pick up at NHMu at 4:30 p.m. Transportation between sites is provided.

Week 1 • June 4 – 8 • 8:30 a.m. – 4:30 p.m. • \$310

Adventures in Science

Partner Camp with Camp Kostopulos

Join us for a week of camp adventures! Morning activities at Camp K will include hiking, rock climbing, fishing, swimming, spending time with the horses, and playing field games. Afternoons will be spent with Museum educators, investigating forensic science—from analyzing finger, lip and footprints to extracting DNA, examining microbes, and inspecting chromatography. Drop camper off at Camp Kostopulos by 8:30 a.m. and pick up at NHMu at 4:30 p.m. Transportation between sites is provided.

Week 2 • June 11 – 15 • 8:30 a.m. – 4:30 p.m. • \$310

Week 8 • July 30 – August 3 • 8:30 a.m. – 4:30 p.m. • \$310

Science Adventure Class: Engineering and Robotics

Using a wide variety of materials and tools to investigate size and design, campers will discover which shapes make the strongest structures. They'll also be exploring simple and complex machines. Once these basics are understood, we'll put that new knowledge to work completing team challenges using VEX IQ robotic components.

Week 3 • June 18 – 22 • 9 a.m. – Noon • \$155

Science Adventure Class: ScienceART

This amazing hands-on class builds upon a child's natural curiosity as we explore science and art concepts. We'll investigate color with tie-dye, batik, and chromatography while creating artwork with shaving cream, marbles, melted crayons, LED lights, circuits, and more!

Week 3 • June 18 – 22 • 1 – 4 p.m. • \$155

Exploring Machines with LEGO®

Partner Camp with Play-Well TEKnologies

For kids who love to build! Each morning will be spent with Play-Well staff inventing, designing, and building with over 100,000 pieces of LEGO® while exploring large-scale building machines like steamrollers, bulldozers, wrecking balls, and tower cranes. With the guidance of Museum staff, campers will explore simple and complex machines each afternoon. They'll then put that new knowledge to work as they complete team challenges using VEX IQ robotic components. Drop camper off at the University Neuropsychiatric Institute (UNI) by 8:30 a.m. and pick up at UMNH at 4:30 p.m. Campers will be walked between sites during lunch.

Week 4 • June 25 – 29 • 8:30 a.m. – 4:30 p.m. • \$310

The Ultimate Camp Experience

Partner Camp with Camp Kostopulos, Red Butte Garden, This is the Place, and Utah's Hogle Zoo

If you can only attend one camp this summer, make it this one! Join us for a week of signature camp activities where each day finds campers at a different location with new experiences. While at Camp Kostopulos students will enjoy ropes courses, spending time with the horses, rock climbing, and fishing. At Red Butte Garden, campers will have a plethora of garden adventures while exploring everything from plants to insects. At This is the Place we'll investigate Utah's past pioneer history through train rides, panning for gold, and pioneer activities. Discover and meet some of the animals that call Utah's Hogle Zoo. And, while at the Natural History Museum of Utah, explore the Museum and our collections while participating in hands-on science. One week has never been so exciting! Choose from one session below. Each session indicates where a camper is to be dropped off and picked up each day.

Week 5 • July 9 – 13 • 8:30 a.m. – 4:30 p.m. • \$330

Session A

Monday - The Natural History Museum of Utah
Tuesday - This is the Place
Wednesday - Camp Kostopulos
Thursday - Utah's Hogle Zoo
Friday - Red Butte Garden

Session B

Monday - This is the Place
Tuesday - Camp Kostopulos
Wednesday - Utah's Hogle Zoo
Thursday - Red Butte Garden
Friday - The Natural History Museum of Utah

Session C

Monday - Camp Kostopulos
Tuesday - Utah's Hogle Zoo
Wednesday - Red Butte Garden
Thursday - The Natural History Museum of Utah
Friday - This is the Place

Session D

Monday - Utah's Hogle Zoo
Tuesday - Red Butte Garden
Wednesday - The Natural History Museum of Utah
Thursday - This is the Place
Friday - Camp Kostopulos

Session E

Monday - Red Butte Garden
Tuesday - The Natural History Museum of Utah
Wednesday - This is the Place
Thursday - Camp Kostopulos
Friday - Utah's Hogle Zoo

Science Adventure Class: Science Snippets

Join us for a different science subject each day. Rollercoaster design and creation, LED explorations, and dry ice experiments to insect encounters and art activities will be on the docket during this action-packed science-filled week. And, of course, we'll also find time to explore the Museum!

Week 6 • July 16 – 20 • 9 a.m. – Noon • \$155

Science Adventure Class: What's Inside?

Have you ever wondered what's inside a mechanical stuffed toy, a fidget spinner, a golf ball, or a baseball? What's inside of an owl pellet, a geode, a flower, or a fish? If you have, then this camp is for you! We'll take apart natural items, along with gadgets and toys to find out what makes them work.

Week 6 • July 16 – 20 • 1 - 4 p.m. • \$155

Dinosaurs Past and Present

Partner Camp with Tracy Aviary

Start your mornings at Tracy Aviary, exploring the dinosaurs that live among us today—birds! Find out what makes a bird a bird and discover the amazing adaptations that allow them to live in diverse environments across the globe. At the Natural History Museum of Utah each afternoon, we'll delve into the science of paleontology. Discover how fossils are formed, where we find them, and meet some of the people who prepare and study fossils at the Museum. Drop camper off at Tracy Aviary by 8:30 a.m. and pick up at NHMU at 4:30 p.m. Transportation between sites is provided.

Week 7* • July 25 – 27 (*W-F) • 8:30 a.m. – 4:30 p.m. • \$186

Farm to Table

Partner Camp with Wasatch Community Gardens

Join us for an exciting week of gardening and food discoveries! Spend mornings at Wasatch Community Gardens learning about organic gardening, tasting fresh produce, creating garden art and more. Each afternoon campers will explore food science and technology from learning to chop, peel and measure to prepping snacks and cooking with solar. Drop campers off at Wasatch Community Garden's Grateful Tomato Garden by 8:30 a.m. and pick them up at NHMU at 4:30 p.m. Transportation between sites is provided.

Week 7* • July 25 – 27 (*W-F) • 8:30 a.m. – 4:30 p.m. • \$186

Nature Explorers

Partner Camp with Red Butte Garden

Join us for a week of nature explorations! Campers will spend mornings at Red Butte Garden exploring the natural area and formal gardens as they learn the basics of botany and plant science. In the afternoon, campers will travel to NHMU to investigate the animals and insects that call Utah home through excursions in the foothills around the Museum. We'll also spend time learning to use the iNaturalist app, becoming Citizen Scientists! Drop camper off at Red Butte Garden by 9:00 a.m. and pick up at UMNH at 4:30 p.m. Campers will walk between sites.

Week 8 • July 30 – August 3 • 9 a.m. – 4:30 p.m. • \$310

Planetary Detectives

Partner Camp with Clark Planetarium

Journey through the galaxy and explore the mysteries of our solar system. While at the Clark Planetarium each morning, campers will learn about the planets, stars and constellations while enjoying other spaced-out projects and activities. Each afternoon at NHMU, campers will investigate the powerful processes that sculpt our Earth from weathering to the water cycle. We'll explore soil science, investigate rocks and minerals, create volcanoes and earthquakes, and meet some of the astronomers working at the University of Utah. Drop camper off at the Clark Planetarium by 8:30 a.m. and pick up at NHMU at 4:30 p.m. Transportation between sites is provided.

Week 9 • August 6 – 10 • 8:30 a.m. – 4:30 p.m. • \$310

Girls Only LEGO® STEM Challenge

Partner Camp with Play-Well TEKologies

Explore engineering from the ground up! Mornings will be spent investigating LEGO® building systems with Play-Well staff, applying real-world concepts in physics, engineering, and architecture through engineer-designed projects such as catapults and arch bridges. With the guidance of Museum staff, campers will explore simple and complex machines each afternoon. They'll then put that new knowledge to work as they complete team challenges using VEX IQ robotic components. Camper drop off and pick up takes place at NHMU.

Week 10 • August 13 – 17 • 8:30 a.m. – 4:30 p.m. • \$310