

Natural History Museum of Utah Summer Camp 2019

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 2019.
- ▶ 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 2019 Schedule

Week 1 June 10 - 14

Week 2 June 17 - 21

Week 3 June 24 - 28

Week 4* July 1 - 3 (*M - W only)

Week 5 July 8 - 12

Week 6 July 15 - 19

Week 7* July 22 - 23 & 25 - 26 (*no camp on W)

Week 8 July 29 - August 2

Week 9 August 5 - 9

- ▶ *Week 4, July 1 - 3, is a three-day week (*M - W) due to the Independence Day holiday.
- ▶ *Week 7, July 22 - 23 & 25 - 26, is a four-day week (no camp W) due to 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

4th & 5th Grade

MUSEUM CAMPS

NHMu fourth and fifth grade camp sessions are for students who will enter either of these grades in the fall of 2019. 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.

Science Adventures

Partner Camp with Camp Kostopulos

Let's explore! While at the Museum each morning, campers will investigate forensic science—from analyzing handwriting and finger-, lip- and footprints to extracting DNA, examining microbes, and identifying unknown chemicals. Afternoons will be spent at Camp K participating in hiking, low and high ropes, swimming, field games, spending time with the horses, and water ecosystem exploration, along with camp fires and s'mores! Drop camper off at NHMu by 8:30am and pick up at Camp Kostopulos at 4:30pm. Transportation between sites is provided.

Week 1 • June 10 – 14 • 8:30 a.m. – 4:30 p.m. • \$310

Week 8 • July 29 – August 2 • 8:30 a.m. – 4:30 p.m. • \$310

Great Salt Lake Discoveries for Girls Only

Partner Camp with FRIENDS of Great Salt Lake

Ladies, the Great Salt Lake is ours to discover! With staff from FRIENDS of GSL, you'll investigate the cool and unique ecosystem at the Great Salt Lake, from brine shrimp and owl pellets to buoyancy and pH levels! We'll visit places like Antelope Island and Farmington Bay, conduct salty experiments, chew pickle weed, and watch birds through binoculars. We are investigators, adventurous, and love being outside. Drop off and pick up take place at NHMu. Transportation to field trip locations is provided.

Week 1 • June 10 – 14 • 8:30 a.m. – 4:30 p.m. • \$310

Engineering and LEGO® Mindstorms

Partner Camp with Play-Well TEKologies

Engineering and robots—what could be better?! Each morning will be spent under the guidance of Museum staff, exploring simple and complex machines using LEGO Educational Kits. They'll then put that new knowledge to work as they complete team challenges using VEX IQ robotic components. Each afternoon, will be spent with Play-Well staff building and programming robotics using the LEGO Mindstorms EV3! Campers will learn about mechanical and software design, as they design their robots to follow basic commands like avoiding obstacles and playing sound. Drop camper off at the

University Neuropsychiatric Institute (UNI) by 8:30am and pick up at UMNH at 4:30pm. Campers will be walked between sites during lunch.

Week 2 • June 17 – 21 • 8:30 a.m. – 4:30 p.m. • \$320

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, climbing wall, swimming, 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 3 • June 24 – 28 • 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

Scales to Feathers

Partner Camp with Tracy Aviary

Dinosaurs are still among us! Campers will delve into the science of paleontology—from the field to the lab—while at NHMU. Discover how fossils are formed, where we find them, and meet some of the people who prepare and study fossils at the Museum. Travel to Tracy Aviary each afternoon to explore the dinosaurs that live among us today – birds! Find out what makes a bird a bird and discover the adaptations that allow them to live in diverse environments across the globe. Drop campers off at NHMU by 8:30am and pick them up at Tracy Aviary at 4:30pm. Transportation between sites is provided.

Week 4* • July 1 – 3 (*W-F) • 8:30 a.m. – 4:30 p.m. • \$186

Food Science

Partner Camp with Wasatch Community Gardens

Knowing about the food we eat is important, not only for our bodies, but for the environment. Join us for a week of food investigations. Spend mornings at the Natural History Museum, exploring food science and technology from studying yeast while making pretzels, mixing root beer and salad dressing to curdling milk, investigating viscosity and cooking with solar. Each afternoon will find campers at Wasatch Community Gardens, learning about organic gardening, tasting fresh produce, creating garden art and more. Drop campers off at NHMU by 8:30am and pick them up at Wasatch Community Garden's Grateful Tomato Garden at 4:30pm. Transportation between sites is provided.

Week 4* • July 1 – 3 (*W-F) • 8:30 a.m. – 4:30 p.m. • \$186

Dynamic Universe

Partner Camp with the Clark Planetarium

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

Week 5 • July 8 - 12 • 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 5 • July 8 - 12 • 9 a.m. – Noon • \$160

Geology 101

Calling all rock hounds...join us for a land-slide of in-depth geologic exploration! Throughout the week campers will learn about fossils, geologic time, rock and mineral types, and the rock cycle. We'll also explore luminescence, plate tectonics, earthquakes, volcanoes, erosion, and the common features of our landscape. Plus, visit the Geology Department and the Seismology Lab on campus!

Week 6 • July 15 – 19 • 8:30 a.m. – 4:30 p.m. • \$310

Biological Explorations

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

Join us for a week of hands-on science! Each morning, will find campers at the Museum, investigating animal adaptations and habitats. Students will make close observations of creepy crawlers while studying the unique ecosystems of Utah and visiting our collections. Each afternoon with staff from BioEYES, campers will explore the lifecycle and habitats of zebrafish, a tropical freshwater fish that is used extensively in scientific research. Students will tour the core facility, extract their own DNA, meet U of U scientists, and explore the use of microscopes. Drop camper off at NHMU by 8:30am and pick up at the Health Sciences Education Building at 4:30pm. Transportation between sites is provided.

Week 7* • July 22 – 23 & 25 – 26 • 8:30 a.m. – 4:30 p.m. • \$310

Science Adventure Class: Geocaching 101

The world is an amazing place. Join us as we explore the geography of place, space and environment. Campers will learn all about geocaching, from how to use a GPS unit to tracking and finding a cache. Students will also be creating their own travel-bugs as they learn about geocaching etiquette.

Week 7* • July 22 – 23 & 24 – 26 • 9 a.m. – Noon • \$128

Explorers Camp

Partner Camp with Red Butte Garden

Join us for a week of nature explorations! Campers will spend mornings at NHMU, investigating 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! In the afternoon campers will travel to Red Butte Garden and will explore the natural area and formal gardens as they learn the basics of botany and plant science. Drop off at NHMU by 8:30am and pick up at Red Butte Garden at 4:00pm. Campers will walk between sites.

Week 8 • July 29 – August 2 • 8:30 a.m. – 4:30 p.m. • \$310

Girls Only LEGO® Engineering Challenge

Partner Camp with Play-Well TEKnologies

For girls who love to build! This camp encourages the natural talents and interests that girls have in physics and engineering. With the guidance of Museum staff, campers will explore simple and complex machines each morning. They'll then put that new knowledge to work as they complete team challenges using VEX IQ robotic components. Afternoons will be spent exploring LEGO building systems with Play-Well staff, applying real-world concepts in physics, engineering, and architecture through engineer-designed projects such as catapults, arch bridges, and more. Camper drop off and pick up takes place at NHMU.

Week 9 • August 5 – 9 • 8:30 a.m. – 4:30 p.m. • \$310