

Camps: Pre-K (4 year olds) - Kindergarten as of August, 2019

It is never too early for campers to explore their world. These half-day camps offer age-appropriate scientific experiences. Camps are limited to 10 campers.

HOGWERTS, JR. - June 3 - 7

All aboard the Hogwerts Express as it makes its way to a land of science and spells! Campers will work together with their "house" to craft wands, make bubbling potions, and more!

GROSSOLOGY, JR. - June 17 - 21

Sticky, slimy, and smelly! Explore the science of all things icky, yucky, and just gross. Uncover the mysteries behind slime, smells, and more!

Camps: Entering grades 1-3 in August, 2019

Science Junior Camp programs are designed with our younger campers in mind. Your young scientists can explore the science all around them with age-appropriate subjects, experiments, and daily schedules designed for their age group. Camps are limited to 15-20 campers.

OCEAN ODYSSEY - May 28 - 31

Take a deep breath and dive into the world of oceans! Let the current take you as you explore the depths of the Mariana Trench, discover marine life adaptations, and learn about the effects of a warming ocean on life, now and in the past.

HOGWERT: ORDINARY WIZARDING LEVEL (O.W.L.) - June 3 - 7 *NEW EDITION

Hogwerts! Join your fellow classmates as you explore the wonders of the wizarding world. Learn about potions, magical beasts, and herbology. Use your magic to help earn points for your "house"!

BEAKERS, BUBBLES, & REACTIONS - June 10 - 14

*BACK FOR A 2ND YEAR

Capture your inner "mad" scientist as you explore the world of chemistry. What would an elephant's toothpaste look like? Can you create a rainbow of colors through chromatography? Learn how chemical reactions happen all around you! And don't forget to wear your lab coat and goggles, both supplied by us.

GOT GAME? - June 17 - 21

Put your game face on and flex your problem-solving skills with games, riddles, puzzles, and more! Learn the secrets behind game creation in the digital and physical world and design your own game in the process.

I DIG SCIENCE - June 24 - 28

Explore the world of dirt and dig in! In this introductory archeology and geology camp, you'll excavate some of the secrets of what's buried in the ground. Make an impression with fossils and get the dirt on digging!

HAND-ME-DOWN GENES - July 8 - 12

Genes control everything about us from our hair color to the size of our feet. Discover amazing forms of life with creative activities, intriguing games, and some edible fun

LEAVE NO TRACE - July 15 - 19 *BACK FOR A 2ND YEAR

Explore the world of alternative energies and discover how we can keep our environment healthy and clean. Learn about the science behind plants, recycling, and nature. Let's work together to keep our planet alive and thriving!

MISSION TO MARS - July 22 - 26

Mars: the next frontier! Prepare to take flight for your next adventure that will take you out of this world! Discover how astronauts prepare for voyages, hazards they could encounter, and what life on Mars could be like

PLANT-IT-EARTH - July 29 - August 2

From cells to systems, let's dive into the science of life. We'll travel from the Arctic tundra to the Amazon jungles. Discover the science behind ecosystems, plants, animals, and microorganisms. Together we will learn about our planet and its life forms.

CODE OF THE ROBOT, JR. - August 5 - 9

*BACK BY POPULAR DEMAND

Robots are everywhere, but how do they work? Come find out at this introductory robotics camp. Using mBots, Ozobots, and our new Edison robots, you will learn why robots must always obey their human masters

Entering grades 4 - 7 in August, 2019

HOGWERTS: NASTILY EXHAUSTING WIZARDING TEST (N.E.W.T.) June 3 - 7 *NEW TO THIS AGE GROUP

Take your scientific magic to the next level with N.E.W.Ts! Study advanced subjects like Potions, Arithmancy, Alchemy, and Defense Against the Dark Arts to prepare yourselves for the fight against Voldemort.

UNRAVEL THE CODE - June 17 - 21

Do you like video games, electronic devices, smartwatches? What do these all have in common? Code! They were all programmed to do what they do. Learn the basics of Code and even make your own simple video game! All on the Museum's new laptop PCs.

STEMINISTS: GEOSCIENCES EDITION - July 29 - August 2 *NEW EDITION

Are you tired of Marie Curie being the only female scientist your friends and family know? What about the female geoscientists?! Are you ready for geoscientists like Maria Klenova, Claudia Alexander, and Maria Crawford to finally get the recognition they deserve? Grab a hammer and smash the patriarchy with your fellow STEMInists!

LIFT OFF! - August 5 - 9

Experience the physics of flight. Examine projectile motion, velocity, gravity, and aerodynamics using rockets, airplanes, and hot air balloons. Soar into adventure!

Camps: Entering grades 4 - 5 in August, 2019

HEY, CAN I TAKE THAT APART? - May 28 - 31

*NEW EDITION

Have you ever wondered what makes your phone work? Or what parts are inside a computer? In this hands-on camp, you'll get the inside story on the mechanics of many common machines and technologies. Use what you take apart to craft something new. Watch your favorite devices come apart at the seams!

RIDING THE SOUND WAVE - June 10 - 14

What is sound? How does it become music? Can you really break a wine glass with your voice? Find out as we learn about sound waves, explore vibrations, and create our own original instruments!

21ST CENTURY NRG - June 24 - 28

Explore energy and its importance in today's world. Transform wind, sun, and water into electricity. Learn how nuclear science is used to generate energy. Supply and use your energy in this electrifying camp!

ROBOTS ARE EVERYWHERE - July 8 - 12

How does a robot do what it does and how can you control it? From sensors to coding, learn the basics of robot construction and programming. Robots are a huge part of our lives. Explore mBot, Ozobot, and Edison robots. Learn how you can build the future!

FOODIE SCIENCE - July 15 - 19

Discover the science of food. Explore food growth by making your own hydroponic structure. Learn about new food innovations and how to keep your body healthy. Join this camp for a fun-filled week of learning and eating!

CHEMISTRY: IT'S ELEMENTARY! - July 22 - 26

*NEW TO THIS AGE GROUP

Elements are the Legos of the universe. Find out what they are and how we use them for everything including fun science. Make crazy chemicals and see what happens when you apply heat and electricity to them. It is Elementary fun at its smallest!

SUMMER CAMP RATES

Half-Day Camp:

4 Day camp - \$100

*only on week of Memorial Day

5 Day camp - \$150

Before and after-care \$25 per week

All campers must be toilet trained.

Full-Day Camp:

4 Day camp - \$240

*only on week of Memorial Day

5 Day camp - \$300

Before and after-care \$25 per week

Entering grades 6 - 7 in August, 2019

FRANKENSTEIN'S LAB - May 28 - 31

Delve into the science behind Mary Shelley's *Frankenstein*. Learn about anatomy through dissection, the effect of electricity on the human body, and explore questions of ethics in science of the past and present.

MOVIE MAGIC - June 10 - 14

Special effects suspend our disbelief in what we see on the screen. Through stunt choreography and camera tricks, we're fooled into thinking what we see and hear is real. Come learn the film industry's trade secrets. Maybe you can use what you learn in your next big film!

CHEMISTRY: MYSTERIES OF MATTER - June 24 - 28

Experiment with chemical reactions and find out if matter matters! Elements are the building blocks of everything, including you. Discover the scientific properties of these tiny wonders and how they affect the world around us!

EXHIBIT TAKEOVER - (Two week camp)

July 8 - 12 and July 15 - 19

Are you tired of playing with the same old interactive exhibits every time you come to the museum? Are you ready to stop complaining and do something about it? Learn about exhibit design from the professionals as you work in teams to design, test, and build new interactive components for the museum's Little Al's Lab. **Please note that this is a two week camp.**

ROBOTS ARE EVERYWHERE - July 22 - 26

How does a robot do what it does and how can you control it? From sensors to coding, learn the basics of robot construction and programming. Robots are a huge part of our lives. Explore mBot, Ozobot, and Edison robots and learn how you can build the future!

Camp fees include the camp, all materials, and activities. Many of our camps attend an off-site field trip, also included in this cost. Before- and after-camp childcare is available for \$25 per week if necessary. Summer camp space is not considered reserved until a confirmation letter is issued by the museum upon the receipt of a completed registration form AND payment in full. **A 10% discount is available for Museum Family Members or children with Neutron memberships.** Four-day camps are prorated to reflect the shorter camp.

Register online today! Go to nuclearmuseum.org under "Learn," or call 505-245-2137, extension 101, for more information.