

WickedCool! for kids



SUMMER 2022

ABOUT US

Since 2007, Wicked Cool for Kids has offered amazing kids' summer programs that blend STEAM (science, technology, engineering, art, and math) education goals with the kind of fun that kids need on summer break. We champion a great mix of focused lessons and structured play that maintains academic integrity within a creative environment.

Our summer programs integrate STEAM components that create a rich and intentional learning environment with fun challenges and hands-on activities that reinforce grade expectations and beyond.



OFFERINGS

ROCKET SCIENCE 2022

AM Only or Full Day

WILD WORLD SAFARI

AM Only or Full Day

DIG BIG!

AM Only or Full Day

Wicked Cool Science

AM Only or Full Day

LEGO Robotics WeDo 2.0

AM Only or Full Day - (MA, NH, VT)

LEGO BricQ Motion

AM Only or Full Day - (MA ONLY)

LEGO Engineering

AM Only or Full Day - (NH, VT ONLY)

Minecraft Mania

Full Day Only - (MA ONLY)

Minecraft Mania 2: The Sequel

Full Day Only - (MA ONLY)

AM ONLY (9-12 PM) OR FULL DAY (9-4 PM)

*(except for Minecraft which is only available for FULL DAY)

Science programs, and Lego Robotics WeDo 2.0 are offered in MA, NH, & VT.

LEGO BricQ Motion, and both Minecraft are offered in MA only.

Lego Engineering is offered only in NH, & VT.

DESCRIPTIONS

PROGRAMS

SCIENCE

ROCKET SCIENCE '22

NEW! Rocket Science '22 features the all time favorite -customizable E2X model rocket. As an aerospace engineer, you choose the final design as we journey to the moon. Keep a Captain's Log as you investigate what's inside the rocky planets and gas giants. Map distant constellations, create glittering moon rocks, and make galaxy slime as part of your out-of-this-world lunar journey. Blast off with a solid fuel high flying launch at the end of the week (weather permitting).

Make it a full day! Stay a full day to terraform a Mars colony and investigate how NASA's DART mission is learning to redirect asteroids in space!

WILD WORLD SAFARI

Explore the wacky world of nature. Take a look at some of your favorite wild animals and determine if they are predators or prey. Learn to identify track patterns and compare animals in the wild to our domesticated pets. Explore hunting techniques while Creeping with big cats and loping like coyotes. Make 3 D models of extreme habitats and learn about our planet's natural resources. Experiment with lenses and prisms to find a rainbow. Discover Earth's biggest land animals and dive deep into the oceans on this global adventure.

Make it a full day! Kids who stay full day will design a topographical model of an African savannah habitat with land features and animals.

DIG BIG!

Paleontologist? Geologist? Archeologist? You'll dig our biggest "in the dirt" week yet. Unearth the secrets of ancient Egypt to see how Pharaohs were buried and then make your own mini mummies. Create colossal fossils and learn about your favorite dinosaurs as we travel back in time. Dig up a cool crystal collection to take home as you excavate Earth's buried treasures.

Make it a full day! Opt for a full day to take a deep dive into reconstructing a T-Rex, along with more amazing Dino predators and prey.

WICKED COOL SCIENCE

How did you do that? Solve awesome science mysteries by becoming a super science sleuth! Grow giant glowing cubes, discover crazy chemical reactions, make glow sticks glow brighter and delight your friends with magic fish. Make a DNA necklace with real DNA and harness the power of the sun. Use a chemical to create crazy "atomic worms" that glow.

Make it a full day! Stay for the full day and solve the amazing mystery of the color changing liquid and disappearing water using the power of science magic!

MINECRAFT

MINECRAFT MANIA

Minecraft Mania is a blend of virtual learning and companion, hands-on activities that explore science and engineering using the Minecraft game. Use an interactive avatar to investigate a game-based educational environment. Engage in both computer and real world activities covering geology, engineering, physics, and biology. Learn about the properties of rocks and minerals and take home your own rock collection. Use your skills to build skyscrapers and simple machines and plant your own crops in fun experiential trials.

FULL DAY ONLY

MINECRAFT MANIA 2: THE SEQUEL

The Mania continues! Explore and build worlds that have been customized for Wicked Cool learning activities. Construct complex Minecraft villages and map out a hands-on model community, built with real world materials. Learn the secrets of Minecraft to forge unique tools, discover the awesome power of redstone, and create automated factories to supply your empire. Design light-up circuits and simple machines to take home inspired by Minecraft redstone and engineering.

FULL DAY ONLY

LEGOS

LEGO ROBOTICS WEDO 2.0

(MA, NH, VT)

Learn to program free roaming LEGO robots “and make science come to life” take out the next idea is more important and see science ideas grow from design to action. Get in gear with LEGO’s NEW updated iPad based software to build and program, Milo the Science Rover and other fun untethered

robots. Apply robots to solve real world problems by creating an earthquake-shake table to test house designs, and a bot to sort and recycle items!

Make it a full day! Design your own specialized bots that use sensors to explore an imaginary planet or create a safe wildlife crossing on earth.

LEGO BRICQ MOTION

(MA ONLY)

NEW! LEGO BricQ Motion is an exploration of forces and motion through investigations. Kids determine whether design solutions work as intended by testing and then engineering a change in the speed or direction of an object with a push or a pull. Create an obstacle course for a dog, build a spring launcher for a race car derby and make a Minifigure dance party. For a full day of fun, continue the challenges with LEGO Engineering Olympics as we compete in track and field, bobsled and weight lifting fun.

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LEGO ENGINEERING

(NH, VT ONLY)

What LEGO challenges do kids love? Our LEGO Engineering program includes STEM-based challenges and free-building. We will build mechanisms that incorporate gears, flywheels, and cams to build amazing contraptions. We’ll crank up the fun using creativity to build with LEGOs in problem solving challenges. Kids design a spinning eggbeater and create a car to carry LEGO bricks.

Make it a full day! Merge LEGOs with machine power to create a power car, dragster, and dog bot!



LOGISTICS

CONTACT

MINIMUM/MAXIMUM & AGE RANGE

Minimum: 10 for ALL programs

Max Science: 30

Max LEGO: 20

Max Minecraft: 20

Science: 5-11 years old

LEGO/Minecraft: 6-11 years old

BOOKING/QUESTIONS ABOUT PROGRAMS:

Barb Johnson

Director

bjohnson@wickedcoolforkids.com

PRICING

Program partners add 5-20% on top of our fee. All programs are one week long unless otherwise arranged. Please contact us about pricing.

COVID-19/GENERAL QUESTIONS:

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Please also find us at:

