

# Wicked Cool for Kids

Summer 2019



# Programming

## FULL DAY CLASSES AVAILABLE FULL DAY ONLY

### Minecraft Mania (MA, NH, RI)

Minecraft Mania is a blend of virtual learning and companion hands-on activities that explore science and engineering using Minecraft. 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 our own crops in fun experiential challenges.



### Minecraft Mania 2: The Sequel (MA, NH, RI)

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.

## HYBRID CLASSES

AVAILABLE MORNING, FULL DAY, OR IN A FULL DAY COMBINATION WITH ANOTHER TOPIC

### Dinos vs. Robots

Dinosaurs or robots? Which is your favorite? Join us for this dinos and robots only battle to see which one wins out! Start with robots to communicate in code, learn about circuits and electricity then design your own ultimate working robot to take home. Next, we'll look back to the mighty Mesozoic era and the dinosaurs who ruled the earth. Go back in time to inspect real fossils and find out how dinos got their names.

**Make it a full day!** Design mini toothbrush robots that can zoom around a track, excavate "old" bones, and build a prehistoric dino diorama.

### Wicked Cool Med School

Is there a doctor in the house? Follow the progress of your own "patient" all week as we journey into the inner workings of the human body. Keep medical charts and become an anatomy specialist while learning the body systems. Create a "slime" cell, big bones, moving joints, and 3-D eyeballs.

**Make it a full day!** Learn to use a stethoscope, take vitals signs, make model mucus, and investigate digestion.



## HYBRID CLASSES CONTINUED

AVAILABLE MORNING, FULL DAY, OR IN A FULL DAY COMBINATION WITH ANOTHER TOPIC

### Rocket Science 2019

A perennial favorite returns! Build and launch our favorite solid fuel rocket, the customizable E2X: perfect for the young aerospace engineer. Keep a Commander's Log as you investigate the solar system, design a satellite, and build a space base for an astronaut. Blast off with a solid fuel high-flying rocket launch at the end of the week (weather permitting).

**Make it a full day!** Continue with the flight plan and launch water rockets, make galactic slime, and map distant constellations as part of your out-of-this-world lunar journey.

### LEGO Engineering (CT)

Our LEGO Engineering program includes STEM-based challenges and free-building: two things kids love. 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. Design a spinning eggbeater or 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!



### LEGO Robotics 2.0 (MA, NH, RI, VT)

Learn to program free roaming LEGO robots and make science come to life! Get in gear with LEGO's new updated software to build and use an iPad to program Milo the science rover and other fun untethered robots. In the morning, explore guided robotics projects to create a shake table to test house designs to withstand an earthquake or create a bot to sort and recycle items.



**Make it a full day!** Design your own specialized bots that use sensors to explore space or create a safe wildlife crossing.

## Daily Schedule

9:00-9:15	Get in the Groove: games and crafts promoting social interaction
9:15-9:30	Morning warm-up: schedule & expectation review
9:30-10:30	Lesson
10:30-11:00	Snack, outside, free play
11:00-12:00	Lesson
12:00-1:00	Lunch (full day only)
1:00-2:00	Lesson
2:00-2:30	Snack, outside, free play
2:30-3:30	Lesson
3:30-4:00	Finish projects, clean up, Get in the Groove, free play

# The Important Stuff

## New!

For summer 2019, we are offering our five hybrid topics in three formats. They can be run as morning-only classes, full day classes, or combined with another topic for a mix-and-match full day. Please note afternoon-only sessions are not available this year.

## Fees and duration

Program pricing varies from location to location. Our program partners usually add administrative fees to our price that range from \$5 to 20%. Please visit our partner websites to find pricing for your location.

## Minimum/maximum

The minimum enrollment for all programs is **8**. Program maximums depend on the capacity of the classroom. LEGO classes have a maximum of **20**. Minecraft maxes out at **32**. We maintain a 1:10 ratio with at least two staff members on site unless other arrangements have been made with the location.

## Grades

Our programs are suitable for kids entering grades 1-5 in fall 2019. Please choose the three-grade span that is most appropriate for your community: 1st-3rd, 2nd-4th or 3rd-5th.

## Contract

We generate a contract for each program and must have a signed confirmation of services in order to run.

## Confirmation

We must have confirmation that a program has reached its minimum enrollment **two weeks** before the start date or we will consider it cancelled.

## Payment

Please add your administrative charges to our fee. We submit invoices once the enrollment has stabilized, typically after the first day. Prompt payment is expected within 30 days and allows us to continue to offer our programs at the lowest rate possible. Please note that we do not accept parent checks.

## Staff

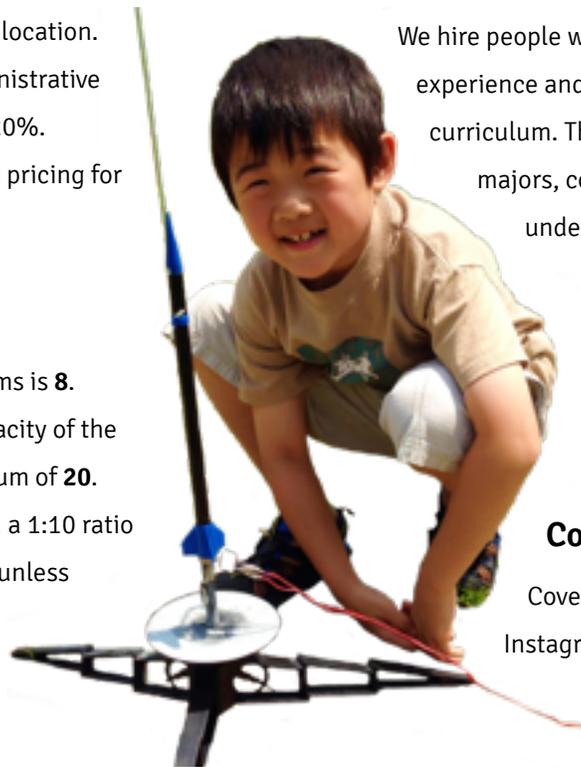
We hire people who have proven classroom management experience and who can be trained to deliver our curriculum. They may have backgrounds as education majors, community volunteers, and retired or under-employed classroom teachers.

## Background checks

Our staff are background-checked before they are employed.

## Cover

Cover art by Yahira Torres. Find her on Instagram @artventure89.



## Contact

For information or to book a class:

Jamie Rees, Business Manager  
jrees@wickedcoolforkids.com  
781-281-2180



Find us online at

[www.wickedcoolforkids.com](http://www.wickedcoolforkids.com)

and   