



# Summer Camp 2020

**Website** [www.einsteinsworkshop.com](http://www.einsteinsworkshop.com)

**Email** [info@einsteinsworkshop.com](mailto:info@einsteinsworkshop.com)

**Phone** 781 - 202 - 5645



Schedule		Price
AM	9:00 AM - 12:00 PM	\$370
PM	1:00 PM - 4:00 PM	\$370
All Day	AM and PM class. Lunch 12pm-1pm	\$740
Extended Play	4:00 PM - 6:00 PM	\$20/day

Locations	Address
<b>Burlington</b>	25 Adams St., Burlington, MA 01803
	Our own workshop. With 5 classrooms, including 2 computer labs, and a 2,000 sq ft play area called the "drop-in" full of educational toys.
<b>Newton</b>	Lasell College
	Please see Newton Flier for details on our Newton location

**Discounts**

- 5% Early Bird Discount until February 28th
- 5% Sibling Discount applied to all registrants when at least 2 siblings are registered for a week of summer camp (half day or all day).

## Categories

We use 4 Categories, identified by color, to help you identify the core concepts of a class at a glance.

### Coding

Coding classes focus on programming. At young ages we often use a method called "block based" coding, in which students are using premade code blocks to create programs. Older students will be typing their code in full script. Students will spend a significant time on the computer.

### Game Learning

Game learning encompasses two types of classes. One are classes in which students are learning by playing a game such as Minecraft. We use Minecraft in many classes to introduce creativity, game logic and even some coding experience. The other are classes in which students are learning how to make and program games.

### Making and Inventing

Making and Inventing classes are very hands on classes where students will learn how to design, engineer and iterate objects. At young ages students are learning how to use crafting tools and materials. Older students will learn modern technical tools such as 3D printing and laser and vinyl cutting.

### Robotics

Robotics classes teach students about automation and engineering. Robotics classes will often use robotic products such as Lego or VEX. Some classes will be focused more on programming and automation, other classes may be more focused on engineering and design.

**Full Schedule Other Side**

# 4th Grade Schedule

www.einsteinsworkshop.com

info@einsteinsworkshop.com

781 - 202 - 5645

website

email

phone

## \* Listing by Class Title

Advanced Scratch	W3, W7, W11
Code Kingdoms: My First Minecraft Mod	W3, W7, W11
Number Sense	W2, W6, W10
Program MBot Robots with Scratch	W5, W9
Scratch Programming	W6, W10
Creating Camelot: Medieval History and Combat in Minecraft	W3, W7, W11
Minecraft Architecture	W4, W8, W12
Redstone Engineering with Minecraft	W6, W10
Virtual Space Missions with Kerbal EDU	W1
3D Printing with BlocksCAD	W4, W8, W12
Custom Build a PinBox 3000	W6
Design Your Own Board Game	W4, W8, W12
Intro to Being a Maker	W5, W9
Model Home Design and Decoration: Fabrication	W2, W10
Stop Motion Animation	W5, W9
Robotics with LEGO Mindstorms	W3, W4, W7, W8, W11, W12
Robotics with VEX IQ	W1, W5, W9

## \* Listing By Week

<b>6/15/2020</b>	<b>W1</b>
Virtual Space Missions with Kerbal EDU	AM
Robotics with VEX IQ	PM

<b>6/22/2020</b>	<b>W2</b>
Model Home Design and Decoration: Fabrication	AM
Number Sense	PM

<b>6/29/2020</b>	<b>W3</b>
Creating Camelot: Medieval History and Combat in Minecraft	AM
Robotics with LEGO Mindstorms	AM
Advanced Scratch	PM
Code Kingdoms: My First Minecraft Mod	PM

<b>7/6/2020</b>	<b>W4</b>
Minecraft Architecture	AM
Design Your Own Board Game	AM
Robotics with LEGO Mindstorms	PM
3D Printing with BlocksCAD	PM

<b>7/13/2020</b>	<b>W5</b>
Intro to Being a Maker	AM
Program MBot Robots with Scratch	AM
Stop Motion Animation	PM
Robotics with VEX IQ	PM

<b>7/20/2020</b>	<b>W6</b>
Scratch Programming	AM
Custom Build a PinBox 3000	AM
Redstone Engineering with Minecraft	PM
Number Sense	PM

<b>7/27/2020</b>	<b>W7</b>
Creating Camelot: Medieval History and Combat in Minecraft	AM
Robotics with LEGO Mindstorms	AM
Advanced Scratch	PM
Code Kingdoms: My First Minecraft Mod	PM

<b>8/3/2020</b>	<b>W8</b>
Minecraft Architecture	AM
Design Your Own Board Game	AM
Robotics with LEGO Mindstorms	PM
3D Printing with BlocksCAD	PM

<b>8/10/2020</b>	<b>W9</b>
Intro to Being a Maker	AM
Program MBot Robots with Scratch	AM
Stop Motion Animation	PM
Robotics with VEX IQ	PM

<b>8/17/2020</b>	<b>W10</b>
Scratch Programming	AM
Model Home Design and Decoration: Fabrication	AM
Redstone Engineering with Minecraft	PM
Number Sense	PM

<b>8/24/2020</b>	<b>W11</b>
Creating Camelot: Medieval History and Combat in Minecraft	AM
Robotics with LEGO Mindstorms	AM
Advanced Scratch	PM
Code Kingdoms: My First Minecraft Mod	PM

<b>8/31/2020</b>	<b>W12</b>
Minecraft Architecture	AM
Design Your Own Board Game	AM
Robotics with LEGO Mindstorms	PM
3D Printing with BlocksCAD	PM