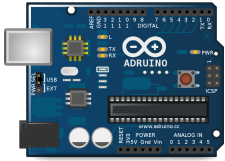


Ignite (Grades 6-8)

Makers Lab: 2D/3D Design (6-8)

Learn the basics of 2D and 3D design! In this camp, students will create their own projects using our 3D printers and laser cutters. Campers can make decorations for their room, gifts for friends and family, build a toy/game...the possibilities are endless!

Camp Details: Laptop required, see bottom of page 3.



Electronics Lab: Intro to Arduino (6-8)

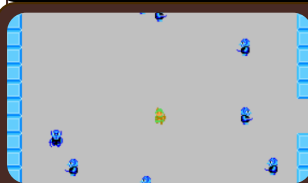
The Arduino Board is one of the greatest products ever brought to hobbyist electronics. Learn how to create cool projects with your board, like how to drive lights, motors, and create your own Theremin. Along the way you'll learn the basics of electricity and electronics, and how to program your Arduino.

Camp Details: Laptop required, see bottom of page 3. Arduino kit is extra. No prior experience needed.

Game Lab: Side Scrollers (6-8)

Create your own video game! This is the prerequisite class to our GameLab: Adventure Game camp. In this camp, students will develop a side scroller shooter, create artwork, build coding skills, and expand the capacities of their game!

Camp Details: Laptop required, see bottom of page 3. No prior experience needed



Game Lab: Adventure Game (6-8)

Make your own Zelda-inspired game! Students will build navigation skills by moving from room to room and destroying enemies! They'll also gain coding experience while learning how to customize their own game! This is the follow-on camp to our popular Game Lab: Side Scrollers camp.

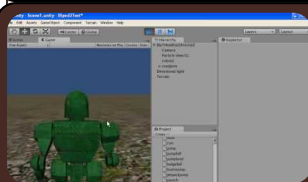
Camp Details: Laptop required, see bottom of page 3.

Teen and Adult

Animation Lab: Introduction to Blender (Teen/Adult)

There are so many uses for learning 3D graphics! You can make your creations on a 3d printer, create assets for your next video game, punch up your 2D presentations, and so much more. In this camp you will learn the basics of 3D animation, including mesh design, texturing and materials, and creating animations!

Camp Details: Laptop required, see bottom of page 3.



Game Lab: Introduction to Unity (Teen/Adult)

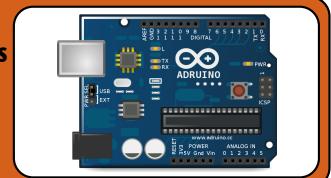
Have you ever wanted to create your own phone app or video game? Unity is the development environment that will allow you to create any game you want, and deploy it on platforms from PC's to iPhones. You will get numerous hands on exercises to teach you how to use Unity quickly and efficiently.

Camp Details: Laptop required, see bottom of page 3. No prior experience needed.

Electronics Lab: Introduction to Arduino (Teen/Adult)

This class is a great introduction to the possibilities of the Arduino Board. Learn the fundamentals of various electronic components and complete cool new projects like a monitoring system for pets and a motion following camera.

Camp Details: Laptop required, see bottom of page 3. Arduino kit is extra. No prior experience needed.



Electronics Lab: Introduction to Raspberry Pi (Teen/Adult)

Learn how to use the Raspberry Pi, a standalone computer with incredible versatility. Explore Python, the easiest language that is used professionally. See how Mathematica and Minecraft can run on a board the size of your palm! Integrate the Pi with electronics projects, like a pirate radio.

Camp Details: Laptop required, see bottom of page 3. No prior experience needed.

Computer Policy: Some camps require a computer for each camper. MindGear can provide a limited number of computers at a charge of \$25/camp. MindGear does NOT guarantee that laptops will be available for rent, especially near the camp date. Reserve a laptop early or bring your own. An email outlining required software will be sent 1 week prior of camp.

Early drop off/Late pick up: Drop off/pick-up is 8:30-12:30 for AM camps and 12:30-4:30 for PM camps. Early drop off for morning campers starts at 7:30 and late dpick-up for afternoon campers is until 5:30. \$25/week for either, \$50 both.

Refund Policy: No refunds will be issued after one week before start of camp.