

THE ADP CENTER FOR LEARNING TECHNOLOGIES

# ENGAGED LEARNING LAB

## RESOURCE GUIDE



**MONTCLAIR**  
STATE UNIVERSITY

**The ADP Center for Learning Technologies**  
College for Education and Engaged Learning



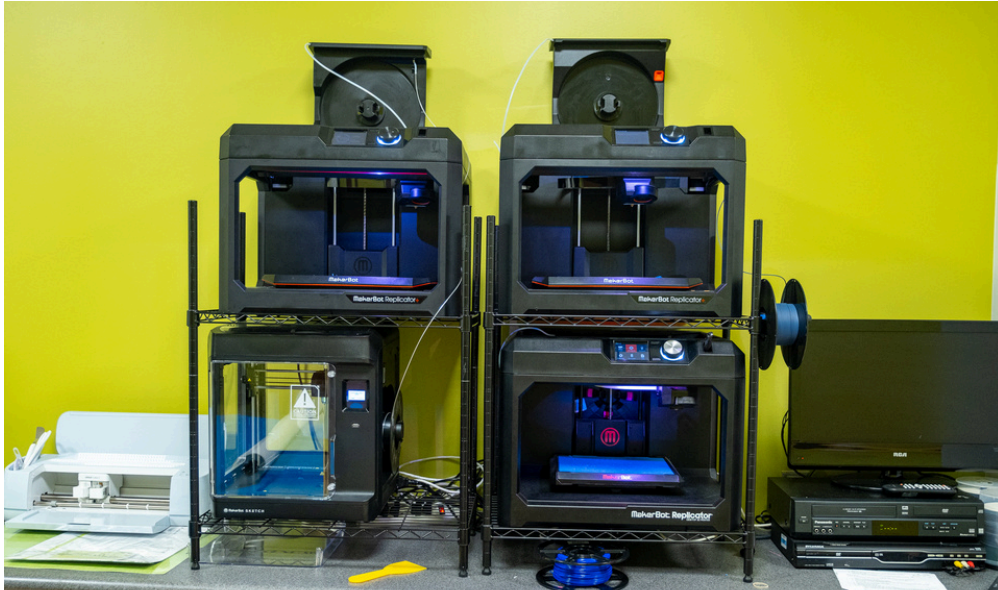


# WELCOME

The Engaged Learning Lab at The ADP Center for Learning Technologies aims to provide technology infused resources for use in the lab and out, to help promote creativity and innovation for current and future educators! The lab and its resources are open to all current, future and past educators as well as MSUNER partner districts.



# WHAT'S IN THE LAB?



## MAKERBOT REPLICATOR

3D printer that can be used to create 3D models and prototypes

QUANTITY 3

## MAKERBOT SKETCH

3D printer designed for education and prototyping. It's designed to be easy to use and reliable, and is suitable for classrooms and teaching from home.

QUANTITY 1



## CRICUT MAKER 3

The ultimate smart cutting machine. With the ability to cut more than 300 materials, and compatible with more than 13 tools to cut, score, write, deboss, engrave, and more.

QUANTITY 1



## FELLOWES BOOK BINDER

Manually punches up to 10 sheets at a time. Binds up to 150 sheets with a 3/4 inches comb. Allows the user to punch & bind continuously for maximum productivity. Book binding spines are available free of charge

QUANTITY 1



## POSTER PRINTERS

For more information about poster printing, sizing, & pricing visit [bit.ly/adpposters](http://bit.ly/adpposters)

Poster prints are available on 24" and 42" paper, regular or premium high gloss



## DELCLYNEE 15" HIGH PRESSURE HEAT PRESS MACHINE

15x15" heatpress for industrial grade vinyl prints.

QUANTITY 1

# TECHNOLOGY

Items can be loaned out for a maximum of 1 week by students, faculty, staff, alumni, MSUNER Schools & community partners



## OZOBOT

A small, programmable robot designed to teach children the basics of coding through interactive activities.

QUANTITY 9



## OZOBOT CRAWLERS

A bug-like device that is designed to help students develop critical thinking and problem-solving skills through programming - pairs with Ozobot.

QUANTITY 6



## OSMO KITS+EXPANSION PACKS

Kit used to teach projects revolving around coding, simple math, spelling and drawing.

QUANTITY 6



## SPHEROS

A spherical robot that can be controlled with a smartphone or tablet.

QUANTITY 12

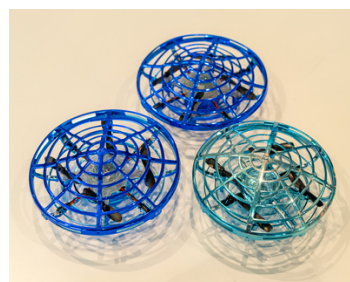
Workshop Opportunity Available



## MAKEY MAKEY KITS

An invention kit that allows users to connect everyday objects to a computer as if they were keyboard keys.

QUANTITY 21



## SMALL DRONES

A small remote-controlled pilotless aircraft.

QUANTITY 4



## ARTIE

A coding robot that teaches kids and adults how to program through interactive play.

QUANTITY 2



## FINCH ROBOT

A small, programmable robot designed to help students learn computer science and computational thinking.

QUANTITY 2



## SCRIB3D

3D pens that can be used to create 3D structures by extruding heated plastic from the pen's nozzle.

QUANTITY 6



## DASH ROBOT

A small, programmable robot designed to teach kids the basics of coding and robotics.

QUANTITY 5



# TECHNOLOGY

All items can be loaned out for a maximum of 1 week by students, faculty, staff, alumni, MSUNER Schools & community partners



## PODCAST KITS

Headphones, mixer, 2 mics. Kit designed with essentials for podcasting in mind.

QUANTITY 3



## POWER UP 4.0 PAPER AIRPLANES

The POWERUP 4.0 paper airplane is a fun, all-ages activity that lets you explore the principles of physics, such as aerodynamics and motion, while learning electronics with its conversion kit.

QUANTITY 4



## RECORDER KITS (USBC)

Tripod with phone clip, Microphone with adapter, and wide angle lens. A kit to help with recording videos from your phone and making things like social media posts.

QUANTITY 25



## TRIPODS & MICROPHONES

We offer a variety of Tripods and Microphones for your use, for anything from school projects to short form video we have one for all.

QUANTITY 1

Workshop Opportunity Available



## RECORDER KITS (LIGHTNING CABLE)

Tripod with phone clip, Microphone with adapter, and wide angle lens. A kit to help with recording videos from your phone and making things like social media posts

QUANTITY 25

Workshop Opportunity Available



## GOCUBE

A NEW GENERATION OF CONNECTED CUBES - This smart, Bluetooth-enabled speed cube 3x3 combines technology with mind puzzles, offering a fresh twist on classic puzzle games. Quickly charge, connect, and explore the app's lessons, games, online competitions with friends worldwide. A brain teaser puzzles for adults and kids.

QUANTITY 1



## IROBOT ROOT CODING ROBOT

The Root rt0 Coding Robot combines family-friendly fun and hours of coding activities at your fingertips no matter your family's experience with coding or robotics. With over 20 reactive sensors and features this smart robot appeals to children and families of all interests.

QUANTITY 4

# VR TECH

We offer a wide variety of VR technology, try engaging with the future of tech with virtual reality!



## META QUEST PRO

Virtual reality (VR) and mixed reality headset that can be used on its own without a computer. It requires a compatible iOS or Android device and the free Meta Quest app to set up.

QUANTITY 5

## META QUEST 2

Virtual reality (VR) headset that is a standalone device, meaning it doesn't require a PC or external sensors to function. Quest VR headsets are designed to provide an immersive 3D experience by covering the eyes

QUANTITY 5



## DESTEK VR

Head-mounted device that allows users to experience virtual reality (VR) - BYOD

QUANTITY 10



## CARDBOARD VR

Virtual reality (VR) platform that uses a cardboard viewer and a smartphone to create an immersive experience - BYOD

QUANTITY 25



# WORKSHOPS

We offer a wide variety of professional development to utilize available technology to the fullest potential, below are some of our favorites that supplement items listed in the catalog



## STEM PLAYGROUND

Our immersive STEM Playground session will give participants hands-on learning opportunities in a safe, guided environment. From coding and robotics to virtual reality, students will learn how technology can impact their learning, and support creative thinking and problem-solving! Participants will engage with different stations comprised of Makey Makey Boards, Spheros, Ozobots, Osmos, and much more. The session will conclude with a guided discussion and reflection on the best ways technology can be used.

## PODCASTING

Engage your students with podcasts! Learn how to get started creating podcasts in your classroom. Whether it be you or your students, we will cover the fundamentals and getting started. Participants will leave with an understanding of how to record, edit and share high-quality audio podcasts! This session is also available in a multi-day series, where participants go beyond the basics!

## Podcasting For Educators

by the [ADP Center for Learning Technologies](#)

Engage your students with podcasts! Learn how to get started creating podcasts in your classroom. Whether it be you or your students, we will cover the basics and beyond. Participants will leave with an understanding of how to record, edit and share high quality audio podcasts!

**December 5th 12-1pm**

All in-person workshops will be hosted in Suite 1122 of University Hall.

  
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@ADPcenter  
www.ADPcenter.org  
www.youtube.com/adpcrc

The ADP Center for Learning Technologies  
College for Education and Engaged Learning  
**MONTCLAIR STATE UNIVERSITY**

**Register online**



## VIDEO PRODUCTION

Short form video is one of the most efficient ways to transfer information in our era, capturing people's attention quickly with snappy informative content. This form of media allows educators to reach and instruct students in a new modern way with videos that can maintain student attention. In this workshop you'll learn how to develop, create, stay safe, and navigate short form videos with applications such as TikTok and Youtube Shorts; as well as how beneficial the development of these quick instructional videos can be for educators and students alike.



Check out our full free workshop lineup:

[bit.ly/adpworkshops](https://bit.ly/adpworkshops)

### CUSTOM REQUEST RATES

MONTCLAIR STATE : FREE

MSUNER PARTNER DISTRICT: \$250/HR

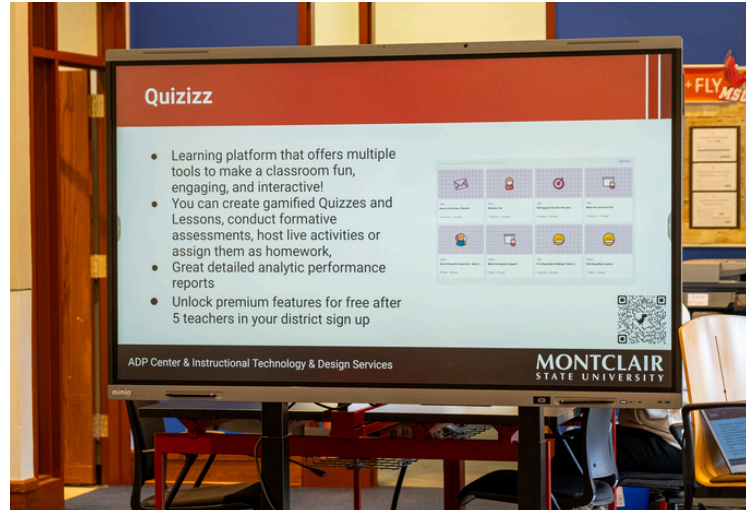
COMMUNITY ORGANIZATION: \$350/HR



Other technology available in the Center....



Google Jamboard -2



MIMIO Board by Boxlight- 1



Samsung Flip 2 - 2



BEN Q Interactive Board - 4

Take a look at all of our facilities:

[bit.ly/classroomsandlabs](https://bit.ly/classroomsandlabs)



CONTACT US TODAY!

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