



83%

Educators spanning K-12+ strongly agree the training was engaging and interactive.

**“Engaging and Interactive”**

**“Easy to follow directions, helpful facilitators.”**

ELEMENTARY SCHOOL EDUCATOR - FL

**“This was great! I like that you were able to teach me new things even with the software I was already familiar with...and that we were able to be hands-on most of the time.”**

ELEMENTARY SCHOOL EDUCATOR - MI

80%



of training survey respondents were very satisfied with the overall agenda and preparation for the PHabLAB training survey.

77%

of training survey respondents felt the trainers provided real world relevant examples.



**“I loved that we were able to get hands on with the equipment...the whole training was super informative... I have found myself capable of using the equipment independently which I believe says a lot about how well they taught us everything.”**

MIDDLE SCHOOL EDUCATOR - MO

**“The facilitators were knowledgeable and were willing to answer all our questions...they were all approachable and I feel comfortable emailing any of them to ask questions in the future.”**

HIGH SCHOOL EDUCATOR - TX

# Stop! You're Making Us Blush...

After conducting over **34** PHabLAB trainings, the results are in.



*Empowering Educators, Engaging Students*



# Future-Ready Skills: Makerspace Training

Kick start your PHabLAB journey with our intensive two-day training, held directly after installation of your makerspace. This immersive experience will equip 10-15 key instructors with the fundamental skills needed to operate each piece of digital fabrication equipment. Through expert-led instruction, hands-on practice, and dedicated exploration time, gain the confidence you need to unleash creativity and develop innovative lesson plans.

## What does a PHabLAB training include?

### GAIN SKILLS!

#### COMPREHENSIVE SAFETY

**TRAINING** Learn best practices and PPE requirements for all equipment.

**HANDS-ON EXPERTISE** Engage in practical exercises with each type of technology.

#### INTEGRATION STRATEGIES

Discover how to incorporate these tools into your lessons.

**CAREER INSIGHTS** Explore related fields and inspire your students.

### WHAT YOU'LL LEARN!

**3D PRINTING** From safety and maintenance to design and troubleshooting, master the entire 3D printing process. Get hands-on experience loading filament, calibrating the machine, printing an object, and even designing your own personalized keychain in Tinkercad.

**LASER CUTTING** Discover the precision and versatility of laser cutting. Understand safety protocols, material selection, and operation, then watch your designs come to life. Learn about filtration to ensure a safe environment.

**CNC MACHINING** Step into the world of computer numerical control (CNC) with an overview of CNC technology and hands-on experience with the Tormach xsTECH. Program and engrave your own dog tag!

**VINYL CUTTING & HEAT PRESS** Explore the exciting world of vinyl design and application. Learn about software, materials, and the heat press, then create your own custom projects.



**Level Up!** Partner with **Palmer Hamilton** for comprehensive training that empowers your instructors to use digital fabrication equipment to its full potential.



For more information on how to create your tailored PHabLAB, scan the QR code.

### Associations and Purchasing Groups:



### Our Partners:



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