

[INVENTEAMS](#)

[PROFESSIONAL  
DEVELOPMENT](#)

[EXPERIENCE  
INVENTION  
EDUCATION](#)

[PIE:  
PARTNERS  
IN  
INVENTION  
EDUCATION](#)

[INVENTION  
EDUCATION  
RESOURCES](#)

[RESEARCH & NEWS](#)

[SPECIAL  
PROGRAMS](#)

[HOME](#)

# Professional Development With Lemelson-MIT

## INVENTION EDUCATION

### JOIN US!

How students become problem-solvers.

PD Summer Workshop • JUNE 12-14  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY.



School of Engineering

LEMELSON-MIT

[CLICK HERE TO VISIT REGISTRATION PAGE.](#)

[SEE THE SCHEDULE HERE.](#)

## Invigorate your teaching at this three-day event

## **Problem-solving re-engages students by tapping into their own passions and interests.**

- IVE works across disciplines (transdisciplinary)
- Build confidence and computational literacy
- Enhance social skills through teamwork and collaboration
- Decrease absenteeism

## **Meet expert speakers, educators, and colleagues who will share activities and techniques that enable students from all walks of life to develop confidence in their ability to engage in STEM. You will experience activities that:**

- Support the engagement of students from diverse backgrounds in STEM learning
- Develop students' capacities to think and act as inventors
- Develop hands-on skills needed for creative problem solving
- Promote entrepreneurial mindsets



### **Who is it for?**

Administrators • Superintendents • Educators at all levels • Community College Administrators and Faculty • After-school Professionals • Library Professionals • Museum Professionals

No matter your level of experience with Invention Education, you'll benefit from the range of activities and events at this unique PD Workshop.

## **Special Highlights:**

### **Welcome Address**



### **Cynthia Breazeal**

**Dean for Digital Learning, Massachusetts Institute of Technology**

**Dr. Breazeal is a national expert on how to introduce young people to AI.** She was a pioneer leading efforts in teaching, learning, and how new technologies can enhance both, with a special focus on virtual and augmented reality, artificial intelligence, and

learning science. Dr. Breazeal is the director of MIT RAISE, a cross-MIT research effort on advancing and democratizing AI education through K-12 and adult education. Her work has introduced thousands of teachers across the world on how to bring AI literacy to their classrooms.

## EurekaFest Presentations and Showcase



**See the future of your invention education program at EurekaFest.** At EurekaFest you'll see the power of IvE come alive. You'll hear directly from students who have been involved in LMIT's InvenTeams as they describe in real time their process and results, and showcase their invention prototypes. You'll be able to ask questions and give feedback. Prepare to be amazed!

## Sessions and workshops that energize and bring excitement to the classroom

Our evidence-based model, backed by [published research](#) and [case studies](#) gives you the tools to evolve your teaching and facilitation of K-14 student learning. You'll hear from expert speakers, educators, and colleagues about activities and techniques that help diverse student populations develop confidence in their ability to engage in STEM. You will participate in small group workshops to develop skills tailored to your interests.



## INVENTION EDUCATION: WHAT AND WHY

This overview explores the true power and promise of Invention Education as seen through the eyes—and results—of educators and students.



## INVENTION PROCESS SPRINT

Ready • Set • Go! You'll be on the path to invention in this fun (and often hilarious) workshop that takes participants through the invention process. This workshop is led by former InvenTeam teacher and LMIT Invention Fellow, Doug Scott, along with LMIT's Invention Education Officer, Leigh Estabrooks.



## SCALING INVENTION EDUCATION EFFORTS

You've developed an Invention Ed program at your school. Now what? Hear from others how they took an initial program and deployed it throughout different disciplines in their school and/or college.

[DISCOVER THE POSSIBILITIES!](#)



## PANEL DISCUSSION: FROM IDEA TO INVENTION

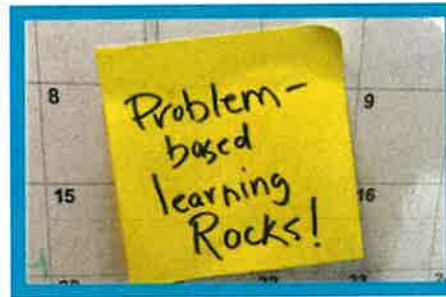
Experts from various programs outline the process and possibilities involved in not just taking an idea from a twinkle in one's eye to a marketable product, but the importance of protecting your idea at every step along the way.



## JOIN A COMMUNITY OF EDUCATORS AND INVENTORS

Meet and work with thought leaders in education as well as our Invention Education Fellows —educators who have extensive experience incorporating invention education into the classroom.

[CLICK HERE TO MEET THE FELLOWS.](#)



## TAILORED WORKSHOPS

From K-12 to Community College, you'll find workshops that engage methods and curriculum designed for each grade band.

[CLICK HERE TO SEE DETAILS AND SCHEDULES.](#)

# Still Time to Register!

Cost: \$1,875

(Includes breakfast, lunch and all materials. Does not include travel and lodging.)

Please note:

- You have until May 25, 2024 to cancel your reservation and receive a full refund.
- Partner in Invention Education (PIE) members may attend free of charge (Silver PIE members may send up to three attendees. Gold PIE members may send an unlimited number of attendees.)
- Participants will receive a certificate for attending that includes 20 participation hours. The Lemelson-MIT Program is an approved professional development provider by the Massachusetts Department of Elementary and Secondary Education.

[CLICK HERE FOR REGISTRATION PAGE.](#)

## The Power of Invention Education

**Empowering Young Inventors!**



**The secret is revealed!**

Hear from teachers and students how invention education unlocks a passion for learning.

**DON'T MISS OUR NEXT NEWSLETTER!**

[SIGN UP](#)

101 Rogers Street, Suite 3C, Cambridge, MA 02142  
[info-lemelson@mit.edu](mailto:info-lemelson@mit.edu) » 617-253-3352