

Summer Professional Development Workshop

Creating the Future Together

The Power and Promise of Invention Education

Massachusetts Institute of Technology
June 12-14, 2024



EurekaFest

See student inventors present and showcase their inventions.



Hands-On Workshops

Gain skills, techniques, and resources that can be used immediately.



Community Building

Join a nationwide network of like-minded educators who share best practices.

Join us for a powerful and collaborative experience.

Engage:

Experience seminars and hands-on workshops tailored to your interests and grade level(s).

Discover new ways to help diverse student populations gain confidence in pursuing STEM pathways.

Network:

Become a part of a community of Invention Education educators and administrators as they share their experiences.

Implement:

Transform your teaching through our evidence-based model, backed by published research and case studies.

Who Should Attend:

K-12 Administrators

K-12 Superintendents

Educators at All Levels

Community College Administrators and Faculty

After-school Professionals

Library & Museum Professionals

The Lemelson-MIT Program: A Thought Leader in Invention Education

Located within the School of Engineering at the Massachusetts Institute of Technology (MIT), we have been working to inspire young people to pursue creative lives and careers for 28 years. We are excited to share what we have learned with educators across the U.S. Invention education is essential to the development of creative and inventive mindsets, which is critical to young people's ability to thrive in today's technologically driven, rapidly changing world.

Energize your teaching at this 3-Day Event.



Invention education offers opportunities for:

- Inclusivity in STEM
- Teaching across disciplines (transdisciplinary)
- Building computational literacy
- Engaging students in their local communities

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.

Experience strategies & activities that will re-engage students:

- Support students from diverse backgrounds in STEM learning by building on their strengths and assets
- Tap into students' own passions and interests to develop the capacity to think and act as inventors
- Develop hands-on skills needed for creative problem solving
- Enhance students' social skills, teamwork, and collaboration

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

Other highlights include:

EurekaFest You'll experience the power of invention education in real time as the high school InvenTeams (the 8 recipients of LMIT's InvenTeam grant awards) describe their process and results, showcase their invention prototypes, and receive valuable feedback from attendees like you.

Special Sessions and Workshops

Our sessions will engage the full range of opportunities in IVE where you will engage with leaders in the field and collaborate with peers to discover best practices. For a full list, visit <https://lemelson.mit.edu/PD2024>

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.



Please join us for our incredible PD workshop and share our passion about how invention education can change the way a student engages in education.

Cristina Sáenz, PhD
Invention Education Manager, Lemelson-MIT

Cost: \$1,500/pp until March 22, 2024!

(\$1,875 after March 22, 2024)

Included: workshop materials, breakfast & lunch during the event.

For more details about PD and to register, [Click Here.](#)

The fee is waived for our Partners in Invention Education members.

PIE Partners in
Invention
Education
LEMELSON-MIT

To learn more about PiE,
visit lemelson.mit.edu
or scan the QR code.



LEMELSON-MIT



School of Engineering