

Building Pathways to Invention Education

Professional Development Workshop

June 14-16, 2023

In person on the campus of Massachusetts Institute of Technology



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

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.

Building Pathways to Invention Education



Invigorate your teaching at this 3-Day Event

Experience invention education that 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.

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

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

Other highlights include:

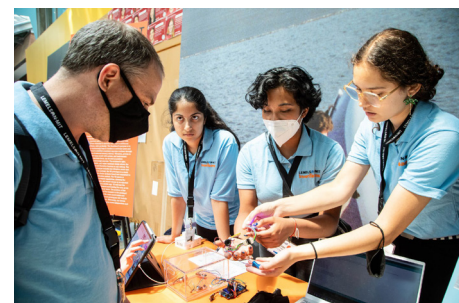
EurekaFest You'll experience the power of invention education in real time as the high school InvenTeams (the 10 recipients of LMIT's grant awards) describe their process and results, showcase their invention prototypes, and receive valuable feedback from attendees like you.

Exclusive Tours You'll get an insider's tour of MIT and a rare opportunity to visit the famous MIT Toy Lab and Design Lab.

Invitation to See *Inventing Samanta* This original play, created by Central Square Theater and LMIT, details the fun, frustration, and fulfillment involved in the invention process as part of an InvenTeam.

Keynote Speaker: Antonio Gamboa

Mr. Gamboa is a 2018 InvenTeam teacher whose team from Garey High School took their invention all the way to a U.S. patent. A passionate advocate for Invention Education, Mr. Gamboa will inspire and encourage you as you forge your own pathway to invention.



LEMELSON-MIT



School of Engineering

Cost: \$1,850 per participant

Included: workshop materials and meals during the event.

For more details and to register, [Click Here](#) or visit lemelson.mit.edu



The fee is waived for our Partners in Invention Education members. To learn more and see our catalog of offerings, visit lemelson.mit.edu or scan the QR code.

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