



Learning Accessible

Empower and **engage** all students,
in any subject, through Maker Education

The K-12 MakerLab team at the MIT Edgerton Center

consists of experienced classroom teachers and master Makers who know first-hand how Making can succeed in **traditional** school environments.

We support educators seeking to **engage students** with rich hands-on learning activities that involve designing, building, and solving problems.

Our *Maker Methodology* is designed for educators who know their content, see new technologies as creative tools, and want to see their **students take charge of the learning process**.

We believe Making is a practice that **teachers of any subject** can use to help their students become engaged, resilient, enthusiastic about learning, creative, and curious about STEM fields. Our approach to Maker Education is unique - we provide adaptable project ideas and a process that enables educators to design, deliver, share and refine effective Maker experiences for their students.



Why Make?



Energize any academic subject with student-focused Maker projects.

Empower your students with skills in critical thinking, problem-solving, collaboration, and communication.



Inspire your students to experiment, iterate, and become self-directed learners.

Learn to use digital fabrication, coding, electronics, and handcrafting effectively in your classroom.



Visit k12maker.mit.edu for teacher PD offerings and
FREE Maker Resources for K-12 Educators

PD Packages from the K-12 MakerLab at MIT Edgerton Center

provide your school or district with coaching and professional development that is customized to meet your needs.

K-12 Maker Packages

Starting at \$10,000

Tailored packages* include collaborative working and planning sessions, curriculum review, customized materials, connection to a network of K-12 Maker Educators, and more.

Maker Focus Areas:

Makerspaces and Tools

Set up, revive, or advance a makerspace with appropriate tools and materials in an effective layout. Customize an operations plan with safety and supervision protocols. Train teachers and students on the fabrication tools and software techniques.

Maker Project Design & Teacher Practices

Design meaningful projects that integrate STEM concepts with academic content. Learn and hone classroom practices that engage students and promote multidisciplinary 21st century skills. Tackle challenges and celebrate successes with your peers in our regular training sessions. Get timely coaching from MIT staff and our community of Maker Educators. Create tools that shift the work and the benefits of assessment to students. Empower your students with personal insights and teamwork strategies.

For more info or to get started

Contact us at k12maker@mit.edu

or visit k12maker.mit.edu/pdpackages



Start a
Makerspace

Improve an existing
Makerspace

Start or improve your
STEAM programming

Support SEL goals and
21st Century skills

Boost participation in
HS STEM classes

Use a Makerspace to
promote your school



*See package info for specific offering details. Packages do not include hotel or travel for in-person professional development workshops.