MAKE @ EDGERTON CENTER

Master Making in the Classroom
Fall 2022
Coaching for Maker Leaders

You've got a couple of 3D printers, some workbenches, hand tools, and a new space – what do you do with it all?

Join *Master Making in the Classroom* and get ready to lead Maker projects in any K-12 classroom, for any academic content area!

Master Making in the Classroom is a 4-part workshop series for educators who want to bring Maker tools and habits into any K-12 classroom, for any academic content area. This course is especially **for educators who lead Maker initiatives in their schools** by coaching or collaborating with teachers to carry out Maker projects - e.g. Technology Integration Specialists, STEM Coordinators, and Makerspace Coordinators. A dedicated Makerspace is not required, as long as tools and materials will be available to students in their classrooms.

The program is being offered **in-person and online simultaneously**. Those on site will use the MIT shop tools, remote participants will be advised of the tools in advance and will have access to all activities.

What you'll do

- Use our Maker project design tools and practices
- Explore and design engaging Maker projects
- Put together your own project outlines and daily plans
- Learn how to lead this process in your school community
- Join an enthusiastic Community of Practice

Schedule

Participants meet for 4 days and communicate in-between.
Workshops are held at the MIT Edgerton Center, MIT room 4-409, 8:30 am to 2:30 pm, and at the same time on Zoom.

Session 1: Wednesday, September 28, 2022
Session 2: Thursday, October 5, 2022
Session 3: Wednesday, November 2, 2022
Session 4: Thursday, December 1, 2022

Registration

Tuition for the series is $950. Learn more and register at **bit.ly/k12mmc**

For FREE Maker resources, visit k12maker.mit.edu

MIT Massachusetts Institute of Technology

What participants will do and learn:

Master our Maker Methodology and the mindset embedded in it. Learn to use our Maker project design tools and practices for your own classroom, as well as coaching and supporting other educators in your community.

Design engaging Maker projects. Draw inspiration from successful project samples, and create prototypes in our well-stocked Makerspace

Put together your own project outlines and daily plans. Our tools will get you started and highlight key practices for facilitating Maker Projects.

Get answers to questions about Maker technologies. The course leaders have extensive experience with Maker tools and materials and are easily reachable by email.

Join an enthusiastic Community of Practice. Participating educators will have regular on-line communication to share experiences, ideas, and resources, and support each other as Master Makers during the MMC experience and moving forward.

Build capacity in your district - Master Making in the Classroom participants can refer colleagues to our day-long Maker skills workshops with a 20% discount during the 2020-2021 school year.

What past participants are saying about Master Making in the Classroom:

"I can vouch for how great it is. Going to MIT, working with other maker/educators and getting to know Diane, as well as the other participants, was fantastic. It was great to develop a network of practitioners and to get to know them and their work within their own schools. I don't know about you, but I feel like I have received a lot of "101-level" PD opportunities, this course provides the next level of thinking about what we do every day and adds in a curricular design piece. I really miss not going this year!!"

"I gained so much from the ability to brainstorm projects and share knowledge with fellow makers through this course... It is also wonderful to continue to have the community available via e-mail for any questions or concerns."

"I always came back [to school] with ideas to think about which developed over time to actual projects."

"...a real game changer in terms of pushing lessons into new places, and allowed for some really great collaborative ideas..."

"I am better able to assist teachers in setting realistic goals for projects given time constraints, resources, expectations..."

"I have a system in place for assisting teachers with planning and assessment and helping students to execute projects.

Learn about our 1-day Maker Skills Workshops at **k12maker.mit.edu/maker-tool-skills-workshops**

Massachusetts Institute of Technology