

# Teacher Professional Development

KID Museum's **Maker Studio Program** was designed to **build school-wide capacity to support year-round maker learning driven by champion teachers in a school.** The program is geared towards individuals with school wide roles such as library media specialists and STEM teachers. The program includes 8 hours of professional learning workshops and up to 10 hours of in-class support from KID Museum Maker Educators.

Grounded in KID Museum's "Mind of a Maker" framework, the program includes **access to 10-15 skill building lessons and lesson starters, as well as maker materials to jumpstart activities.** Additionally, teachers participate in **full cohort workshops that integrate the introduction of maker skills, tools and materials with facilitation strategies** for maker learning and KID Museum Mind of a Maker framework. Each teacher also receives **individualized support in planning and progressing towards their goals.** Teachers participating in the Maker Studio program also leave with a **customized action plan based on their school community's unique characteristics, goals, and needs.** Participants addressed goals such as:

- Integrating a long-term maker learning project into existing curricular content at one or more grade levels
- Activating a media center makerspace with maker activities
- Building buy-in from the school community to support maker learning

In 2022, Maker Studio was delivered to **12 elementary schools** in MCPS, with **24 teachers** delivering high-impact, maker-based learning curriculum to more than 500 students. Ten of the schools have Title 1 status and/or high FARMS rates. Participants included classroom teachers and art, library, and media specialists.

## Program Measures

KID Museum, evaluated the program with quantitative and qualitative feedback surveys. KID Museum designed brief feedback forms, including Likert-scales and open-ended questions, which were delivered to participants following the professional development workshop.



# Program Outcomes



**95%**

of teachers felt the training was very effective at improving their engineering and construction skills

**80%**

of teachers felt the training was very effective at improving their agency in the maker classroom

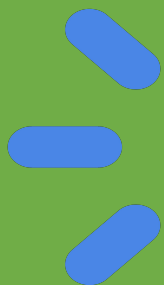
**90%**

of teachers felt the training was effective at improving their omability to make space for making in the classro

**70%**

of teachers felt the training was very effective at improving their project planning skills

Overall, teachers felt more confident, comfortable, and competent to lead maker-based activities with their students.



*“Amazing opportunity to bridge the concepts through a whole brain learning approach.”*

— Participating Teacher in KID Museum’s Maker Studio PD

