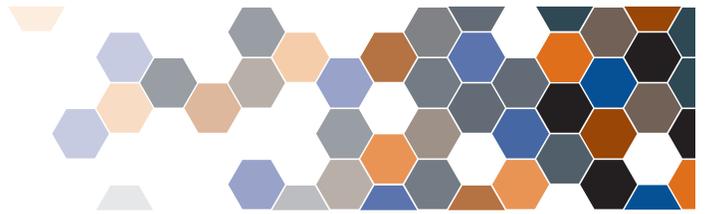


UTeach MAKER



UTeach Maker is an innovative micro-credentialing program that helps preservice STEM teachers at The University of Texas at Austin bring project-based maker practices into their classrooms and makerspace environments. Each UTeach Maker has a personal mentor, participates in ongoing maker professional development, and creates a Maker Showcase to serve as a portfolio of their work.

2017–2018



"Making should help with self-expression. Students should be comfortable with making mistakes. The point is to make those mistakes count by learning from them and becoming a better student and learner."

Jennifer Gonzalez,
Architectural Engineering
(Noyce Scholar)

UTEACH MAKER BY THE NUMBERS

33 STUDENTS IN
UTEACH MAKER

5 MAKER EDUCATION
MENTORS

6 MAKER EDUCATION
INTERNSHIP SITES

13 UTEACH MAKER
GRADUATES

21 ARTICLES,
PRESENTATIONS, AND
PUBLISHED MAKER
LESSONS



UTeach Makers are active members in the maker community, attend maker-related events like SXSW Create and the Austin Maker Faire, work in local secondary schools to promote making, and have been hired internationally to integrate makerspace environments with STEM education. UTeach Maker graduates have recently published maker-centered lesson in journals such as *The Science Teacher* and *Science Scope*. UTeach Maker is currently exploring ways to expand its impact to the larger network of 44 UTeach partner programs at universities around the country.

"Making helps students be engaged participants who make the things they plan to use. It helps to empower students and gives them vital experience."

Maisha Rumman, UTeach Maker, Biology

"The purpose of integrating Making into the classroom is to show students, who might otherwise not have access to Making, that STEM is exciting and engaging. On top of that, I think Making will show students that STEM is not limited to the traditional science and technology fields many believe. Maker education is amazing because it allows students to be creative and use all of their passions to solve problems."

Arami Roasles, Physics



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