MAKERSPACES IN PRIMARY SCHOOL SETTINGS

Advancing 21st Century and STEM capabilities using 3D Design and Printing

RESEARCH PROJECT OVERVIEW

24 classes

27 Teachers
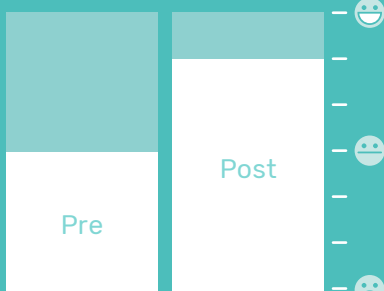
500+ Students

292/297

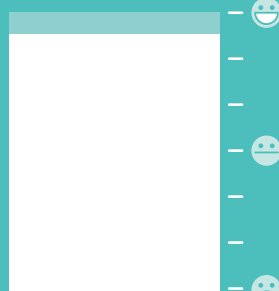students surveyed want to keep using Makers Empire 3D

94%

of students interviewed want to continue 3D design after school for fun or career

100%

31 of 31 lessons observed had high levels of student engagement

Post

Pre

Significant increases in teacher confidence to teach in makerspaces

Very high final levels (5.6/6) of teacher enthusiasm to teach in makerspaces

35% increase in teachers' general confidence to teach with technology