



Afterschool Works!

Afterschool and STEM Education



Participating in quality STEM professional development helps to increase staff confidence

The Project LIFTOFF evaluation data suggests that afterschool program staff who completed at least one STEM train-the-trainer session were significantly more confident in their ability to lead science activities over time than those who merely worked with someone who had attended a STEM training.



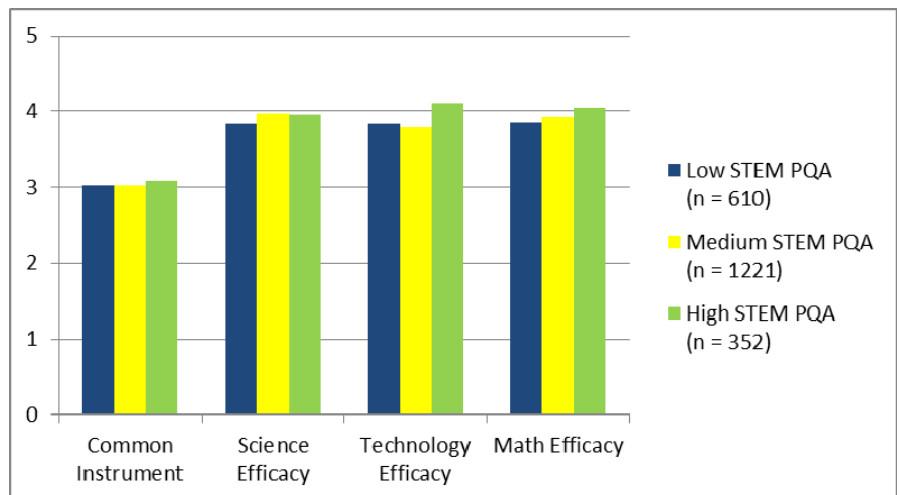
Youth participating in afterschool STEM activities found science more interesting

Project LIFTOFF evaluation data for programs with staff participating in STEM trainings show a statistically significant difference over time for the item “Science is boring.” Students rated that item significantly lower at posttest than at pretest, which means that they perceived science as less boring over time.



Youth in high quality programs report increased STEM efficacy

The Project LIFTOFF evaluation data show statistically significant differences in youth technology efficacy and math efficacy when comparing low quality STEM programs to high quality STEM programs.



Source: Missouri AfterSchool Network. (2014). Project LIFTOFF Program Evaluation Report–AY13-14 Supplement. Columbia, MO.