

Camp Invention's[®] IMPACT

Cultivating Entrepreneurship through Encouraging Enhanced Interest in STEM, Stimulating Creativity and Building Problem-Solving Skills

Small Steps, Big Leaps

Research shows that participation in just ONE week of Camp Invention[®] resulted in statistically significant short-term and long-term improvements in: creativity, STEM interest and problem-solving skills.ⁱ

Repeat Performers

Youth with multiple Camp Invention[®] experiences showed significantly higher gains in creativity, STEM interest and problem solving than youth with no previous (or only limited) Camp Invention[®] experience.ⁱ

Long-Term Impacts

Over the long-term, from one to four years after Camp Invention[®], there was even stronger evidence of statistically significant growth in the areas of creativity, STEM interest and problem-solving skills.ⁱ

Strategically Building on Prior Research

Creativity's Connection to Academic Achievement



Camp Invention[®] participants demonstrated **increases** in several characteristics recognized as critical elements to creativity and creative problem solving – specifically **fluency, flexibility and elaboration**. Positive changes in elaboration may be positively related to improved academic achievement.ⁱⁱ

Teamwork Is an Essential Skillset



Participants, parents and instructors noted improvement in **collaboration and working as a team** among participants at the end of Camp Invention[®].ⁱⁱ

Role Models



Parent and Instructor surveys showed strong agreement that Camp Invention[®] provided participants with a **valuable perspective of a real-life inventor and entrepreneur** by allowing participants to take apart objects and rebuild them into new inventions.ⁱⁱ



Instructors report **more willingness to incorporate entrepreneurship concepts into future teaching**. More specifically, Instructors indicated a strong likelihood of increased use of two strategies related to entrepreneurship after using them at Camp Invention[®]:

- 1) **creating an atmosphere of acceptance of people & ideas;** and 2) **fostering risk-taking.**ⁱⁱ



Exposure influences not just whether a child grows up to become an inventor but also the type of inventions he or she produces.

If girls were exposed to female inventors during childhood at the same rate that boys are to male inventors, **the gender gap in innovation would fall by half.**ⁱⁱⁱ



Children who grow up in **areas with more inventors and innovation are more likely to become inventors themselves.**ⁱⁱⁱ

Camp Invention[®] connects children across the country with the Nation's Greatest Innovators[™]!

Camp Invention 2017-2018 Pilot Study, conducted by the Research Institute for Learning Innovation Evaluation. The full study and executive summary are available upon request.



Camp Invention[®]



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ⁱ Falk, J. (2018) Camp Invention Evaluation Report. Institute for Learning Innovation.

ⁱⁱ ChangeMaker Consulting LLC. (2014). Camp Invention[®] Evaluation.

ⁱⁱⁱ Bell, A., Chetty, R., Jaravel, X., Petkova, N., & Van Reenen, J. (December 2017). Who becomes an inventor in America? The importance of Exposure in America. The Equality of Opportunity Project.