

PROVEN BENEFITS OF



Camp Invention®

Two decades ago, Camp Invention® began formally measuring its impact. During this time, multiple independent evaluations have confirmed both the short- and long-term benefits of our Camp Invention program.

EDUCATOR CHALLENGE

CAMP INVENTION SOLUTION

EQUAL OPPORTUNITIES

Children need equitable opportunities to become successful.

- ✓ Exposure to inventors and invention during childhood can increase the likelihood that a child will become an innovator. The Camp Invention program provides this exposure through our National Inventors Hall of Fame® (NIHF) Inductee integration.¹
- ✓ Patent holders are successful, earning four times the average American household income. If girls were exposed to female inventors at the same rate as boys are to male inventors, the gender gap in innovation would shrink by half. NIHF Inductees make up a diverse group of inventors who serve as career role models.¹
- ✓ Peer-reviewed research shows that Camp Invention supports the cultivation of an inventive mindset as children explore their self-perception as inventors and innovators.

TEAMWORK

Children need more opportunities to learn how to collaborate — an essential skill for the 21st century.

- ✓ Students have shown improvement in their ability to collaborate after participating in Camp Invention.²

TEACHER ENGAGEMENT

Educators are looking for greater support in teaching children the skills necessary to become innovative.

- ✓ Camp Invention enables teachers to incorporate more entrepreneurial concepts into their teaching.²
- ✓ After leading Camp Invention, Instructors are more likely to foster risk-taking and create an atmosphere of acceptance of people and ideas.²
- ✓ Our program's influence on Instructors' teaching strategies can make a positive impact on students beyond those participating in Camp Invention.²

CREATIVE PROBLEM SOLVING

Children need hands-on opportunities to be creative and build problem-solving skills, so they are prepared to take on the challenges of the future.

- ✓ Just one week of Camp Invention results in significant short-term and long-term improvements in creativity, STEM interest, collaboration and problem solving.³
- ✓ Students with multiple Camp Invention experiences show higher gains in creativity, STEM interest and problem solving than those with limited or no previous experience.³
- ✓ Over the long term, from one to four years after Camp Invention, there is even stronger evidence of growth in creativity, STEM interest and problem solving.³

INCREASED ATTENDANCE AND TEST SCORES

Children need experiences that support school performance, including their attendance and test scores.

- ✓ Participating in Camp Invention during the summer has increased students' performance and engagement the following school year.⁴
- ✓ Camp Invention contributes to better attendance, GPA and test scores — three key steps to ensuring a child takes a college path.⁴
- ✓ Following one recent Camp Invention program, 56% of students with high-risk absence rates demonstrated excellent attendance, and students' average and median standardized test scores rose in reading and math.⁴

1 A. Bell, R. Chetty, X. Jaravel, N. Petkova, and J. Van Reenen, Who Becomes an Inventor in America? The Importance of Exposure to Innovation. Opportunity Insights (2017). https://opportunityinsights.org/wp-content/uploads/2019/01/patents_paper.pdf

2 ChangeMaker Consulting LLC, Camp Invention Evaluation Executive Summary (2014). https://www.invent.org/sites/default/files/2021-02/CI%20Evaluation%20Summary_MKT-085.pdf

3 J. Falk, Camp Invention Evaluation Report. Institute for Learning Innovation (2018). https://www.invent.org/sites/default/files/2021-02/ILI_Evaluation_Summary_Camp_Invention_May2018.pdf

4 Summit Education Initiative, National Inventors Hall of Fame Camp Invention Summer 2018 (December 2018). https://www.invent.org/sites/default/files/2021-02/NIHF_2018_Summer_Program_Evaluation.pdf



National Inventors Hall of Fame®

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