2023 District Sales Profile:		Camp:	1
Total Enrollment (Numbers Report):		2023:	81
Google My Business:	No	Director:	Maggie Stevens
Free/Reduced Lunch (%):	46	Poverty (%):	13

Registrant Grade & Sign Up Data

GRADE LEVEL	2023	2022	2019	2023 Camp %	2022 Camp %
K Gr	8	13	2	10%	9%
1st Gr	14	22	5	17%	14%
2nd Gr	17	26	8	21%	17%
3rd Gr	18	23	8	22%	15%
4th Gr	10	19	4	12%	13%
5th Gr	9	20	7	11%	13%
6th Gr	5	29	3	6%	19%

Participant Funding & Enrollment

FUNDING SOURCE	2023	2022	2019	2023 Camp %	2022 Camp %
Parent Paid	12	4	28	15%	3%
Scholarship Received**	69	148	9	85%	97%

DISCOUNTS USED	2023
Camp Parent	0
Early Sign On	1
Host District	0
Staff Discounts	8

National Inventors Hall of Fame®

FOSTERING INNOVATION IN THE NEXT GENERATION

Innovation and ingenuity are key to technological advancement and scientific discovery in the modern global economy, and at the National Inventors Hall of Fame® (NIHF), we believe every child can invent. NIHF's PreK-8 STEM programs, Camp Invention®, Club Invention® and Invention Project®, encourage children to exercise and strengthen essential skills and traits that will guide them to unlock their potential and their own innate creativity.

> "That's the kind of thing I'm trying to pass along — just a curiosity and a sense for discovering answers to questions."
>
> — ***Mick Mountz,*** *2022 National Inventors Hall of Fame Inductee, co-inventor of robotic warehouse fulfillment systems*

EDUCATOR COMMENTS

"Bringing together different age group campers with middle and high school counselors and Instructors is such a meaningful opportunity to extend community building and remind kids of all who support and care about them. ***The premise of STEM and 21st-century learning in such concentrated form is incredible!"***

— Hampton, NH

"Every year I get to see students engage using their creativity of their brain and [collaborate with] their peers. ***These are all great life lessons that I think our children need for academic and social-emotional growth."***

— Montgomery, TX

EMPLOYABILITY SKILLS WILL DRIVE SUCCESS IN THE MODERN WORKFORCE

As we prepare children for jobs we cannot yet predict, our youth need to develop skills and a mindset beyond the technical aspects of specific jobs and industries.

While social-emotional learning and skills such as empathy, collaboration, communication, critical thinking, cultural competence and problem solving rank high among the most critical to the modern STEM workforce, only 11% of prospective employers have an easy time finding employees with these skills.[1]

Through open-ended, hands-on exploration, NIHF's PreK-8 STEM programs help children build an Innovation Mindset™ — a growth mindset infused with lessons from world-changing inventors — to enable and empower them in any area of life.

Just one week of Camp Invention results in significant short-term and long-term improvements in creativity, STEM interest, collaboration and problem solving.

PARENT COMMENTS

"My daughter absolutely loved this STEM camp. She was excited to be there every day, and she made friends. She is a total science buff and now shows interest in a career in engineering. She likes to be involved and keep busy, and Camp Invention definitely did that for her. ***We couldn't be more pleased with the outcome!"***

- Mesa, AZ

"My two children were granted scholarships for which we are very grateful. This would have been beyond our financial means otherwise. They started the week a little apprehensive, but finished strong and excited to show off their new inventions to anyone and everyone. ***Thank you so much for encouraging STEM in rural communities."***

– Caro, MI

EXPOSURE TO DIVERSE PERSPECTIVES CREATES EQUITABLE OPPORTUNITIES

Diverse perspectives are needed to solve the world's biggest challenges. To support greater representation in STEM fields, the next generation of innovators needs to see themselves when they look at individuals who are making a difference.

Children from low-income families, girls and minorities are less likely to have such exposure.

Research has found that if women, minorities and individuals from low-income families were to invent at the same rate as white men from high-income (top 20%) families, the rate of innovation in America would quadruple.[2]

Exposure to diverse innovators as role models will help close these gaps by cultivating a relatable link between children and STEM, guiding them to see STEM career paths as viable paths for individuals like them. NIHF's STEM programs connect children across the country with real-life innovators of diverse backgrounds — NIHF Inductees.

OUT-OF-SCHOOL PROGRAMS ARE KEY TO SPARKING INTEREST IN STEM

National research shows over 70% of participants in afterschool STEM programs exhibit increased interest in and knowledge about careers in science.[3]

Expanding these learning opportunities is key to keeping children interested in math and science as they go into middle school[4] and later consider careers in STEM[5].

Students with multiple Camp Invention experiences show higher gains in creativity, STEM interest and problem solving than those with limited or no previous experience.[6]

In addition, students who participate in the program demonstrate improved in-school attendance, increased GPA and better test scores[7], helping reduce key achievement gaps on a student's path toward college readiness.

[1]STEM Connector. (2018). *Employability Skills & Mindsets.* Postsecondary pathways innovation Lab.

[2]Bell, A., Chetty, R., Jaravel, X., Petkova, N., & Reenen, J. V. (2018). *Who Becomes an Inventor in America? The Importance of Exposure to Innovation.* Opportunity Insights. https://opportunityinsights.org/wp-content/uploads/2019/01/patents_paper.pdf

[3]After School Alliance. (2018). *This is Afterschool - Inspiring Students to Learn Helping Them Make Smart Choices, and Giving Parents Peace of Mind.* http://afterschoolalliance.org/documents/factsResearch/This_Is_Afterschool_2018.pdf

[4]Beymer, P., Rosenberg, J., Schmidt, J., & Naftzger, N. *Examining Relationships among Choice, Affect, and Engagement in Summer STEM Programs.* Journal of Youth and Adolescence; 1178–1191. https://pubmed.ncbi.nlm.nih.gov/29356926/

[5]Will, M. (2019, February 20). *Early-Grades Science: The First Key STEM Opportunity.* https://www.edweek.org/ew/articles/2018/05/23/early-grades-science-the-first-key-stem-opportunity.html

[6]Falk, J., & Meier, D. (2018). *Camp Invention 2017-2018 Pilot Study Report.* The National Inventors Hall of Fame. https://www.invent.org/sites/default/files/2020-10/ILI_Final_Report_Camp_Invention.pdf

[7]Hosler, L. (2019). *Measurable Impacts of Two Decades of Invention Education by the National Inventors Hall of Fame.* Technology and Innovation, 20, 333–336. https://search.proquest.com/openview/509a979ddb47c2e330d63498ecbe34ee/1?pq-origsite=gscholar&cbl=2043274

Camp Invention®

ILLUMINATE

FOUR ALL-NEW ADVENTURES IN HANDS-ON INVENTION EDUCATION

In the GAME™

- Campers create a unique sports ball and develop a light-up ball game using the physics of air pressure and motion
- While investigating the design features and specialized materials of a variety of sports balls, campers learn about the importance of protecting ideas using intellectual property
- Campers use design thinking and persistence to reach the final goal of being inducted into the Game of Fame for all-star innovation

LET'S GLOW

- Campers explore biophysics, optics and electrical engineering as they learn about illuminating inventions and engineer a one-of-a-kind Glow Box
- Campers investigate how light works in LEDs, fiber optics and even glowing animals through hands-on examination of reflection, refraction, color and shadow
- While exploring ultraviolet light, campers uncover clues to a mystery and add a new layer to their Glow Box with each discovery, using the power of light to help their ideas shine

OPERATION: HYDRODROP™

- Campers make global connections as they set out on an epic operation to solve water challenges around the world
- After personalizing a light-up laboratory on wheels, campers gather data, tap into ingenuity and use creative problem solving to help people and the planet
- Campers find inspiration from patented water-based inventions, learning the important role water plays on our planet and becoming hydro heroes

PROTOTYPING STUDIO

- Campers star on a prototyping game show where they embark on an innovative journey to discover the ultimate place to invent
- After receiving a custom toolbox, campers generate new ideas, bringing them to life by transforming unique inventions, and collaborating with friends for rapid prototyping challenges
- After refining their creations, they protect them with the power of intellectual property and win the game by learning that invention can happen anywhere

Camp Invention® is a nationwide K-6 STEM program providing creative, open-ended learning opportunities. This hands-on experience aligns to standards and typically runs for one week but can be adapted to meet district needs.

LEARN MORE TODAY AT INVENT.ORG/EDUCATORS/CAMP-INVENTION

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Camp Invention®

WHERE BRIGHT IDEAS COME TO LIFE

This year's all-new program sparks curiosity and builds confidence as campers collaborate in fun, hands-on STEM challenges led by qualified local educators to help their creativity shine.

SAVE $35 WITH CODE **GIFT35** *EXPIRES DEC. 31, 2023*

SAVE $25 WITH CODE **FUN25** *EXPIRES MARCH 27, 2024*

SAVE $15 WITH CODE **FUN15** *EXPIRES MAY 16, 2024*

SAVE $30 WITH CODE **SIBLOVE30** *FOR 2 SIBLINGS*

SAVE $40 WITH CODE **SIBLOVE40** *FOR 3 OR MORE SIBLINGS*

SECURE YOUR SPOT TODAY!

Register at INVENT.ORG/CAMP or 800-968-4332

Grades: K - 6th

Location: Clarinda Elementary School

305 E Glenn Miller Dr, Clarinda, IA 51632

Date: July 8 - 12, 2024

Time & Cost: 9:00 AM to 3:30 PM | $270 (before discount)

Camp Director: Maggie Stevens | mstevens@clarindacsd.org

Thanks for a generous donation from USDA Summer Food Program, lunch will be provided to all campers for the week.

If these dates/times don't work for you, please visit **invent.org/camp** for other locations near you.

REGISTER HERE!

Camp Invention is a nonprofit program of the National Inventors Hall of Fame.

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National Inventors Hall of Fame®

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