

Ignite the spark of invention
and entrepreneurship in
your students — and set them
on a course to shape a
better future.





Build
problem-solving
skills



Create
your own
prototype



Take it
to market

Where innovators, inventors and entrepreneurs get their start.



**"I have been looking for
some kind of hands-on
experience for my students
in innovation and
entrepreneurship. Your
curriculum is exactly
what I needed."**

*Teacher,
South Grafton,
Massachusetts*

Through Invention Convention Worldwide, you can introduce your students to a world in which they will solve their own problems and gain the confidence and 21st-century skills to invent their own future — through hands-on, real-world, project-based learning activities and exciting events.

The K-12 Invention Convention Worldwide program convenes a community of educators, business leaders, parents and students through educational competitions, events and a flexible, project-based curriculum aligned to education standards.

Invention Convention is easy to implement, flexible enough to meet diverse student needs, adaptable to a broad range of disciplines and accessible to virtually any young learner.

WHY IS IT IMPORTANT?

In today's K-12 classrooms, students are tackling some of the most complex global challenges of our time, like climate action, cybersecurity, water scarcity, food security and infectious disease. For educators preparing their students for the future of STEM, convergence education offers a transdisciplinary approach to real-world problem solving and phenomenon-based learning. Invention education programs like Invention Convention Worldwide are one of the established practices to consider implementing in your classroom. Invention Convention Worldwide prepares students for the needs of the 21st century, creating critical thinkers and problem solvers and empowering a new generation of innovators.



Invention Convention Worldwide advances a vision of a world in which all learners have access to innovation, invention and entrepreneurial learning to gain the confidence and skills to control their own destiny. Bring the power of exciting, project-based, creative thinking and problem solving to your school today.

FREE



INVENTION CONVENTION CURRICULUM

- Interdisciplinary and standards-based, with dynamic activities to fit any K-12 subject.
- Flexible: Delivered in 6-12 weeks in class, after school, at home or for independent study.
- Framework guides students through seven steps of the invention process.
- Invention log documents every step in making the students' inventions, recording what they did, why they did it and how they did it.

WHAT'S IN IT FOR YOUR STUDENTS?

Your students will gain a new and innovative mindset for life. Along the way, they'll become part of a global ecosystem that allows them to gain new skills, friendships, recognition and perspectives. Invention Convention Worldwide inspires young people to become innovators, inventors and entrepreneurs over the course of their K-12 careers.

SCHOOL INVENTION FAIR

Educators of school and after-school programs serving student populations in grades K-12 are welcome to participate in Invention Convention Worldwide programs, including organizing your schoolwide Invention Fair. Participating students will need to develop an invention that tries to solve a problem in their own life, in the life of a loved one or in the world around them. Students will develop, test and then present their project at their school Invention Fair. Qualifying students may go on to compete in state or regional events.

STATE INVENTION COMPETITIONS

This inspiring and unique experience provides youth inventors and entrepreneurs the opportunity to display their critical-thinking and entrepreneurial skills by presenting their prototype and product to community judges and peer inventors. Select youth participants will be awarded the chance to move on to the annual Invention Convention U.S. Nationals event.

NATIONAL INVENTION COMPETITIONS

More than 170,000 K-12 inventors from across the United States compete to showcase their inventions on the floor of Henry Ford Museum of American Innovation alongside some of the most iconic inventions in American history. Participating students are mentored, competitively judged and celebrated by engineering, business, legal and other professionals.

INTERNATIONAL CONVENINGS

Select students from participating countries have the opportunity to showcase their ideas, meet other inventors and experts through cultural experiences and collaborations.

Learn more at inventionconvention.org.



Developed
by educators
and tested
for 30 years.



Invention Convention Worldwide's Impact



Learning shared equitably by all

Learning applied to the real world

170,000+ YOUNG INVENTORS
14,700 EDUCATORS
23 AFFILIATE & EDUCATION PARTNERS



Powered by perspective

185,314
 TOTAL COMMUNITY ENGAGEMENTS

57% FEMALE
42% MALE
1% X

24% ASIAN AMERICAN
5% AFRICAN AMERICAN
5% LATIN DESCENT
2% ARAB AMERICAN
7% MULTI-RACIAL

44% TITLE I SCHOOLS



"It's fun to find solutions to problems I always had, and it's fun to know I'm benefiting a group of people, and it's never been done before."

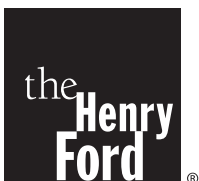
Student Inventor, RTX Invention Convention U.S. Nationals 2023

ABOUT THE HENRY FORD AND INVENTION CONVENTION WORLDWIDE

The Henry Ford in Dearborn, Michigan, is an internationally recognized cultural destination that brings the past forward by immersing more than 1.4 million visitors a year in the stories of ingenuity, resourcefulness and innovation that helped shape America.

A force for sparking curiosity and inspiring tomorrow's innovators, inventors and entrepreneurs, The Henry Ford fosters learning from hands-on encounters with authentic artifacts. Through its 26 million artifacts, unique venues and resources — Henry Ford Museum of American Innovation, Greenfield Village, Ford Rouge Factory Tour, Benson Ford Research Center and Henry Ford Academy, as well as online at thf.org and through inHub.thehenryford.org, our online resource for innovation learning. The Henry Ford helps all individuals to unlock their potential and help shape a better future.

The Henry Ford leads the Invention Convention Worldwide community and works to make STEM + Invention + Entrepreneurship (STEMIE) learning accessible to educators and students worldwide. As part of our leadership in invention education, The Henry Ford powers events like Invention Convention U.S. Nationals and curriculum and professional development to help learners accelerate an innovative mindset and be better prepared for the workplaces of today and tomorrow.



Learn more at inventionconvention.org.



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