

OHIO INVENTION LEAGUE

iNVENTION  
CONVENTION



**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.

Through Ohio Invention Convention, 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 at school, state and national levels.

The K-12 Ohio Invention Convention 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?** At the heart of Invention Convention is STEMIE education, which recognizes the foundational skills that Science, Technology, Engineering and Math create in combination with Invention and Entrepreneurship learning. (We like to illustrate this as STEM + Invention + Entrepreneurship = Innovation.) STEMIE education prepares students for the needs of the 21st-century economy, creating critical thinkers and problem solvers and empowering a new generation of innovators.

**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 inspires young people to become innovators, inventors and entrepreneurs over the course of their K-12 careers.

"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

Ohio Invention League's Invention Convention 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

### the Henry Ford iNVENTION CONVENTION CURRICULUM

- Interdisciplinary and standards-based, with dynamic activities to fit any grade K-12 subject.
- Flexible: Delivered in 6-12 weeks in class, after school, at home or 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.



Developed  
by educators  
and tested  
for 30 years.



### SCHOOL OR PROGRAM INVENTION FAIR

Ohio educators and volunteers of school and after-school programs serving student populations in grades K-12 are welcome to participate in Ohio Invention Convention, including organizing your school-wide or program's Invention Fair. Participating students will need to develop an invention that tries to solve a problem in their life, the life of a loved one or their world. Students will develop, test and then pitch their project at their School/Program Invention Fair. All registered schools and programs receive a minimum of 3 invitations to invite their qualifying students to advance to the State Invention Convention. Learn more about registering your school or program at [info@inventionleague.org](mailto:info@inventionleague.org)

### STATE INVENTION CONVENTION Ohio State Fair, Columbus, OH

This unique and inspiring experience hosted by Ohio Invention League 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. Award-earning participants will receive College Advantage 529 savings awards provided by Ohio Tuition Trust Authority and be awarded the chance to move on to the annual Invention Convention U.S. Nationals event.

### INVENTION CONVENTION U.S. NATIONALS The Henry Ford, Dearborn, MI

More than 100,000 K-12 inventors from across the United States and elsewhere 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 across a range of fields from all over the world.

Learn more at [inventionconvention.org/ohio/](http://inventionconvention.org/ohio/)

# Invention Convention Worldwide Impact



Powered by perspective

**OVER  
108,000**

**STUDENTS  
PARTICIPATE ANNUALLY**



Learning applied  
to the real world

Learning shared equitably by all

**OVER  
59%**

**FEMALE**

**OVER  
31%**

**UNDERREPRESENTED  
POPULATIONS**



**BUILDS CONFIDENCE,  
TEACHES PUBLIC  
SPEAKING & PROMOTES  
PROBLEM SOLVING**

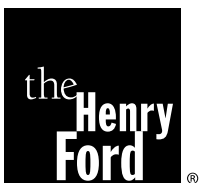
**"This is everyone's world and I believe that everyone should try to be a part of making it a better place. If everyone pitched in and tried to solve a problem that they have, then eventually, someday all of the most important problems could be solved."**

*Student Inventor, National Invention Convention 2018*

## ABOUT OHIO INVENTION LEAGUE AND OHIO INVENTION CONVENTION

At Ohio Invention League "Problem Solving is Our Superpower" and our students are the heroes solving the world's problems. Ohio Invention League is an inclusive, educational, non-profit organization and the exclusive Ohio affiliate program to Invention Convention Worldwide at The Henry Ford. As an organization, we offer the Ohio Invention Convention Program to students K-12. Additionally, the Invention League offers year-long educational support, inventor mentorship experiences and the Ohio Invention Convention State Competition. Along with providing professional development for educators, Ohio Invention League has built a community of dedicated like-minded heroes who support the belief that the better we educate our youth and the more opportunities we provide them to learn and implement STEAM skills the better all of our lives will become. Ohio Invention League is a 501c3 program supported by Ohio volunteers, business partnerships & donors. Inventors who have succeeded in Ohio Invention League's State Invention Convention competition have the opportunity to participate in the Invention Convention U.S. Nationals at The Henry Ford.

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 their leadership in invention education, The Henry Ford powers events like the 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/ohio/](http://inventionconvention.org/ohio/)**



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