



Invention Project®

ENGAGE EVERY STUDENT WITH INVENTION PROJECT®



Inspired by world-changing inventors, Invention Project's hands-on curricula brings STEM concepts to life by inviting students to create their own solutions to real-world problems, building problem-solving skills and confidence.

THIS IS INVENTION EDUCATION IN ACTION.

INNOVATIVE EXPERIENCES



- ✓ Supportive student resources including required materials, interactive booklets and an online learning platform
- ✓ Fun and engaging modules with developmentally appropriate instruction
- ✓ Embedded professional development, preparing educators with hands-on learning strategies for their day-to-day classroom

CUSTOMIZABLE CURRICULUM



- ✓ Unique experiences that adapt to your district's exact in-school, afterschool or summer learning needs
- ✓ Instructor-led and asynchronous learning options
- ✓ Includes pre- and post-tests to track student progress
- ✓ Aligned to state and national educational standards including Common Core Mathematics, Common Core ELA and Next Generation Science Standards

STRESS-FREE IMPLEMENTATION



- ✓ Step-by-step curriculum guide and online resources reduce prep time
- ✓ Individually packaged materials allow for hassle-free implementation and setup
- ✓ Dedicated NIHF support to answer questions and provide solutions
- ✓ Qualifies for a variety of state and national funding sources including Title I-IV, 21st Century Community Learning Centers and Migrant Education

AUTHENTIC LEARNING



- ✓ Engaging, hands-on activities promote teamwork and collaboration
- ✓ Invention education experiences inspired by National Inventors Hall of Fame® Inductees that build competency in decision-making and self-management through project-based learning
- ✓ Opportunities to practice empathy and relationship skills



"The students really loved working on all the inventions and were very engaged in what they were learning. They did a great job building on the concepts and comparing them to real-life things. I felt the program was a big success!"

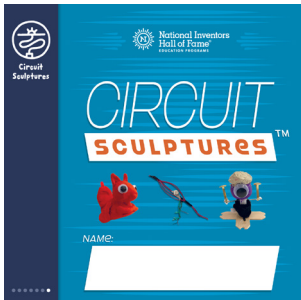
— Kaitlyn C., Suffolk County, NY

LEARN MORE ABOUT INVENTION PROJECT AT [INVENT.ORG/EDUCATORS/INVENTION-PROJECT](https://invent.org/educators/invention-project)



CUSTOMIZED TO MEET YOUR DISTRICT'S NEEDS

Invention Project gives students the agency to explore and solve real-world problems on their terms. Each hands-on experience is flexible enough to work within an existing learning program and robust enough to act as an all-inclusive solution.



Students explore the dynamic connection between science and art by designing one-of-a-kind Circuit Sculptures™.



Students become immersed in automotive design as they create a futuristic vehicle in NIHF's Automotive Design 101™.



Applying nature-based discoveries, children create dynamic vehicles and take on challenges in an exciting Road Rally™.



Inspired by real space exploration, children build innovative devices to help them problem solve on distant planets and moons in Spacecation™.



In RC Origami Bot™, students construct and operate their own remote-controlled robots to navigate an obstacle course.



In Wear It Out™, students use creative ideas and maker materials to invent clothing and accessories that are fashionable and functional.



E-Birds gives children the chance to build a flying electronic bird and design robots to research birds in the wild.



With inspiration from great inventors, children experiment with the science of flight using paper airplanes and a heliball in Fly Gliders™.

