



National Inventors
Hall of Fame®

EDUCATIONAL PROGRAMS

INNOVATION EXPLORATION KIT™

INVENTION PROJECT SERIES



E-RACER BOTS

- Kits include materials and instructions to help Innovators create their own simple robots using a motor and an eraser.
- Innovators build persistence through trial and error as they use vibration to make their robots move.
- Innovators gain insight on advanced batteries from 2014 Collegiate Inventors Competition® (CIC) Graduate Finalists Eklavya Singh and Rahul Mukherjee.



FLY GLIDERS

- Innovators experiment with an electronic heliball and airplane structural design to discover principles of flight and grow an innovation mindset.
- Innovators design and build challenging paper airplanes and test, tweak and explore the role of wing shape and nose weight in an airplane's trajectory.
- Kits include all the materials Innovators need to explore the freedom of flight, inspired by National Inventors Hall of Fame® (NIHF) Inductees Orville and Wilbur Wright.



RC ORIGAMI BOT

- Innovators receive all the materials needed to construct and operate their very own Remote-Controlled Origami Bot.
- Detailed instructions help Innovators apply creative thinking and transform their bots from 2D figures to 3D objects.
- Innovators are encouraged to further explore the possibilities of remote-control technology, including the use of medical robots.



WEAR IT OUT

- Innovators use creative problem solving as they engineer clothing of the future to function in extreme weather scenarios.
- Step-by-step instructions guide Innovators to protect their idea, draft a business plan and launch a powerful pitch.
- Innovators receive all the materials they need, along with inspiration from NIHF Inductees to help them tap into their creativity.