



Camp Invention®

# HANDS-ON STEM SUMMER CAMP



Our nationally recognized K-6 summer enrichment program, Camp Invention®, has brought authentic invention education to children across the country for more than 30 years. Each year, a brand-new curriculum is developed and tested to deliver hands-on experiences that encourage divergent thinking. Camp Invention is backed by independent research and designed to spark imaginations through open-ended engagement in creative problem solving.

## INNOVATIVE EXPERIENCES

- Real-world challenges lead children to practice empathy and build confidence and persistence while becoming solution seekers
- Authentic STEM experiences foster critical thinking, communication, collaboration and creativity
- High-energy activities and opportunities keep children active and engaged
- Job-embedded professional development helps educators cultivate an innovative mindset

## TURNKEY IMPLEMENTATION

- All-inclusive program curriculum and materials
- All materials shipped in classroom sets from our warehouse to your program location
- Personalized support and resources ensure a positive experience
- Step-by-step curriculum guide and online resources reduce prep time

## FLEXIBLE & IMMERSIVE CURRICULUM

- Four all-new, themed modules with hands-on activities
- Curriculum differentiated for primary and intermediate levels
- Aligned to state, Common Core and Next Generation Science Standards as well as CASEL Social and Emotional Learning (SEL) Competencies

LEARN MORE TODAY AT [INVENT.ORG/EDUCATORS/CAMP-INVENTION](https://invent.org/educators/camp-invention)

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Camp Invention®

# SUPERCHARGED™



- Campers take on innovative challenges by teaming up with real-life, world-changing inventors, engaging with these role models in relatable ways
- Campers create their own superhero persona and disguise, and then they design, build and market their own invention
- Exploring the basics of intellectual property, campers learn the importance of protecting their unique ideas
- Embarking on a research adventure at sea to dig up fossils, campers find success by following lessons and advice from Hall of Famers
- Campers explore navigation techniques using the constellations, then build and design miniature boats that must float and carry pieces of cargo
- Building confidence and collaboration skills, campers invent island survival tools and underwater equipment they can use to study marine life
- Campers play the role of a farmer and tackle the real-world economic challenges of running a farm and business
- Exploring DNA, campers learn how doctors and scientists determine the health of people and animals
- With the assistance of their own robot, campers learn fundamental coding techniques and program their bot to complete tasks that will maximize their time and profits
- Exploring frequency, circuit boards, motors and gears, campers use real tools to reverse engineer a remote-controlled DIY Orbot
- Campers use design engineering principles to design, test and modify their robot to take on new challenges each day, from sports to art
- Campers collaborate to create an obstacle course, then they maneuver their robot to navigate bridges and tunnels

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.

