



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

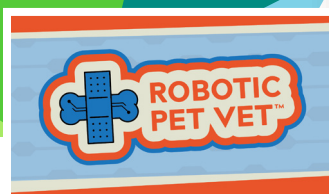
FLEXIBLE & IMMERSIVE CURRICULUM

- 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

FAST FORWARD



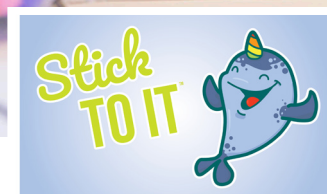
- Campers stretch their imaginations as they create their own model dream home filled with smart ideas and technology
- Discovering how power plants transform energy from renewable sources, campers apply this knowledge to incorporate smart power into their mini mansions
- After learning how smart devices are connected and controlled, campers build prototypes of their own ideas for smart gadgets



- Campers become robotic pet veterinarians as they receive their own robotic dog to diagnose and personalize
- Campers take apart their robotic dog, compare the inner mechanics to the biology of animals and analyze the simple machines that make their dog move, bark and light up
- Applying spatial reasoning, campers design and construct a dog park and then explore their ideas for the best dog park attraction



- Campers explore sensors by experimenting with their own Optibot — a small driving bot that senses changes in dark and light surfaces
- Campers design tracks for their bots to follow and discover how sensors are used in vehicles like self-driving cars
- Examples of land, sea and air transportation inspire campers as they design their own futuristic vehicle that one day could be reality



- Campers learn the power of persistence as they experiment with energy and force by launching rockets to knock socks off a clothesline
- Using creative problem-solving and mathematics skills, campers build a robotic arm to retrieve coins
- Exploring non-Newtonian fluids and the science of magnetism, campers use magnets to make slime move

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.

