



National Inventors  
Hall of Fame®

# GIVE YOUR STUDENTS VALUABLE FIELD-BASED EXPERIENCE USING AN INNOVATIVE HANDS-ON STEM CURRICULUM



Camp Invention®

# AN UNFORGETTABLE SUMMER EXPERIENCE FOR YOUR EDUCATION STUDENTS

For over 35 years, the National Inventors Hall of Fame® has inspired millions of children across the country through our innovative STEM programs. Our flagship summer program, Camp Invention®, is loved by our educator partners who teach it each year.

**We are seeking qualified education students to help teach Camp Invention and will provide your teachers in training with a range of benefits.**

“I can't **IMAGINE** a better way to prepare for their first classroom than teaching **CAMP INVENTION**.  
– Dr. Jeffery S. Townsend, Professor of Science Education, Eastern Kentucky University



## FIELD-BASED EXPERIENCE

- Project-based learning
- Curriculum development
- Classroom management and logistics
- Interactive implementation
- Creativity and inventive thinking
- Materials management
- STEAM-based instruction
- Building cognitive and emotional gains and confidence

## VALUABLE OPPORTUNITIES

- Expanding on curriculum
- Discovering the impact of invention and innovation
- Developing presentation and public-speaking skills
- Teaching students in grades K-6
- Facilitating brainstorming and other group activities
- Creating immersive, hands-on learning experiences
- Growing students' confidence through creative problem solving
- Cultivating an open and safe learning environment

## TOOLS FOR SUCCESS

- Paid stipend
- All required materials
- Supportive orientation
- Research-based curriculum differentiated for primary and intermediate levels
- Scaffolded lesson plans aligned to state and national education standards



## COMPETENCIES

## REAL-WORLD APPLICATION

## TESTIMONIALS

### IMMERSION

- Changing the physical environment of the classroom to reflect the theme of each learning experience
- Assuming a character role while interacting with students
- Sharing information that will make a scenario realistic to students

“I am a teacher in training and I wanted the **EXPERIENCE OF LEADING A LESSON PLAN** and thinking on my feet.”  
– Christina S., Instructor

### CREATE, TEST AND RECREATE

- Guiding children through the prototyping process followed by reflection and refinement
- Practicing skills development using self-assessment, adaptive creativity and evaluative thinking
- Sharing the value of trial and error

“It provides great **PROFESSIONAL DEVELOPMENT**, gives kids an opportunity to grow in their **PROBLEM-SOLVING SKILLS**, and gives me an opportunity to serve other teachers.”  
– Kara S., Assistant Director

### STEM

- Using STEM as a vehicle for direct application of creativity and innovation skills
- Practicing using a transdisciplinary approach blending 21st-century STEM-focused learning with non-STEM subject areas to create engaging and meaningful challenges

“As a **UNIVERSITY SCIENCE EDUCATOR**, I know that Camp Invention will help give them **CONFIDENCE** in teaching science, practice with classroom management before they get their own classrooms, and will likely lead them to **WANT TO TEACH STEM** topics in their own schools (which often isn't a priority).”  
– Dr. Jeffery S. Townsend, Professor of Science Education, Eastern Kentucky University

### AUTHENTIC LIFE SKILLS

- Guiding students to use divergent and convergent thinking to assess challenges and work their way through the creative problem solving process
- Implementing lessons using brainstorming and idea selection as classroom engagement tools
- Providing opportunities to work with others in teams and collaborate on projects

“It was a **FUN OPPORTUNITY!** On top of getting to make a little extra money over the summer, I wanted to participate to get to know the students in my district more since I am just starting out there. I also wanted to **IMPROVE MY SKILLS** as a teacher and have a chance to have my own classroom.”  
– Justin A., Instructor

# PARTNER WITH NIHF TO PROVIDE YOUR STUDENTS WITH ENGAGING FIELD EXPERIENCE

invent.org | 800-968-4332



National Inventors  
Hall of Fame®

*Inspiring Future Innovators®*

The National Inventors Hall of Fame provides STEM education programs for young innovators from PreK through grade 12.