INSTITUTE FOR EDUCATIONAL ADVANCEMENT ACADEMY

SUMMER 2025

Join IEA this Summer for Advanced Enrichment Programs!

Academy classes provide exceptionally **creative learning opportunities and encourage in-depth exploration**. Optimized in both content and pace, classes cover a wide variety of **STEM, arts and humanities** subjects taught through an **interdisciplinary lens**.

ACADEMY AT-A-GLANCE

WHEN:
Session 1: June 16-27
Session 2: July 7-18
Session 3: July 28-August 8

WHERE: Pasadena, CA and Online

WHO: Ages 6-14

APPLY BY: May 19, 2025
Apply by April 21, 2025 for an Early Bird discount of $20 off!

Tuition assistance is available!

OUR PROGRAMS FEATURE:

- Small live-taught classes (5-10 students)
- Personalized attention from instructors
- Community building opportunities for students

"I LOVE ACADEMY AND CAN'T WAIT TO TAKE ANOTHER CLASS"

- ACADEMY STUDENT

"THIS PROGRAM LETS THE NATURALLY CURIOUS CHILD EXPERIENCE, LEARN, AND EXPLORE WITH LIKE-MINDED PEERS, AND THAT IS INVALUABLE."

- ACADEMY PARENT

Application period opens in March. Learn more and apply at
www.EducationalAdvancement.org/Academy

SUMMER 2025

Institute for Educational Advancement ACADEMY

Legend:
- ★ New Class
- ■ Ages 6-8
- ■ Ages 8-10
- ■ Ages 9-12
- ■ Ages 11-14

Session 1 (June 16-27)

Time	Ages 6-8	Ages 8-10	Ages 9-12	Ages 11-14
9 am – 10 am	Biology of Me	Full STEAM Ahead!	★ Riddles, Puzzles, and Paradoxes	★ Science Media Studio
11 am – 12 pm	Balloon Force! Newton's Laws of Motion	★ MythBusters	The Art of Histology	Crime Scenes and Storylines: Forensic Science in Literature
1 pm – 2 pm	Creative Engineering	MakeBot Challenges	LEGO Mindstorm Robotics	Environmental Justice
3 pm – 4 pm	★ Coast to Coast: Exploring the United	★ The Power of Advertising	Stop Motion Animation	Electronic Wizardry

Session 2 (July 7-18)

Time	Ages 6-8	Ages 8-10	Ages 9-12	Ages 11-14
9 am – 10 am	Page One: Creative Writing	Physics of Roller Coaster Design	★ California's Nature: Mapping, Meteorology, and Mayhem	Electrifying Creations
11 am – 12 pm	★ Algorithms for Beginners	★ Living on the Edge: Extreme Environments and Evolution	Puzzle Room Design	The Power of Speech and Debate
1 pm – 2 pm	★ Creature Features: The Secret Lives of Animals	From Script to Screen: Writing the Next Great Movie	Creative Coding with Python Turtle Graphics	First Contact
3 pm – 4 pm	★ Crafty Math	Sail and Steam	★ Widgets and Gadgets	★ Epidemiology: Plagues & Pandemics

Session 3 (July 28-August 8)

Time	Ages 6-8	Ages 8-10	Ages 9-12	Ages 11-14
9 am – 10 am	STEM Building	★ Game Design with Scratch	★ Cryptography: Math Puzzles & Enigmas	Genetics: A Splice of Life
11 am – 12 pm	Robotics: Get Rolling!	★ Volcanology and Seismology	★ The Writer's Studio: Short Stories	★ Web Development
1 pm – 2 pm	The Plot Thickens: Mystery Language Arts	Bridges and Towers	Think Tank: Innovation Lab	Geobiology
3 pm – 4 pm	Earth Alive	Biomimicry Design	★ Mock Trial	Animation Character Design

Online

Time	Session 1	Session 2	Session 3
10 am – 11 am	Fantastic Worlds: Creative Writing (Ages 9-12)	★ Governments Around the World: Systems & Impact (Ages 11-14)	★ Renewable Energy Challenge: Powering Our Future! (Ages 8-10)
1:30 pm – 2:30 pm	Mock Trial (Ages 11-14)	★ Genre Exploration: Unleash Your Imagination! (Ages 8-10)	★ Simple Machines in Action: The Magic of Engineering! (Ages 6-8)

This schedule is provisional and is provided for your planning convenience only. Days and times are subject to change. Some classes will require prerequisites and/or materials fees. Applications and additional information available at **www.EducationalAdvancement.org/Academy.**