



Join IEA This Spring for Advanced Enrichment Programs!

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

WHO

Students ages
6–14

WHEN

January 27 - April 28
*(No classes February 17 for Presidents' Day
and March 31 - April 5 for Spring Break)*

WHERE

Pasadena, CA and
Online

APPLY BY JANUARY 2, 2025

Or apply by December 2, 2024 for an Early Bird discount!

**Tuition
assistance is
available!**

ACADEMY FEATURES:

- Small class sizes (5–10 students)
- Personalized attention from instructors
- Deep dives into unique topics such as Aeronautics and Astronautics, Microbiology, Robotics, and more
- Community building opportunities for students

"Academy is excellent and does not compare to any of the other gifted/advanced enrichment programs available. The high quality teachers that are highly skilled and kind and make the courses so enjoyable for the kids. The kind, knowledgeable, and helpful staff. And last but not least the social-emotional considerations of the child. IEA Academy provides a kind, inclusive, and social environment."

- Academy Parent

LEARN MORE AND APPLY AT

www.EducationalAdvancement.org/Academy

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>4:00-5:30pm</p> <p>STEM Building</p> <p>★ Dungeons and Dragons: Diving into TTRPGs</p> <p>★ Animation Character Design</p> <p>4:30-5:30pm</p> <p>★ Science Fiction Writing (Online)</p>	<p>4:00-5:30pm</p> <p>★ Math Mysteries: Logic Puzzles and Creative Problem Solving</p> <p>★ Brain Science</p> <p>Advanced Science Lab</p> <p>4:30-5:30pm</p> <p>★ Exploring the Universe's Wonders (Online)</p>	<p>10:00-11:30am</p> <p>Musical Math</p> <p>★ Playing with Shakespeare</p> <p>★ Analyzing Contemporary Propaganda</p> <p>12:00-1:30pm</p> <p>★ Author Spotlight: Exploring Style, Story, and Art</p> <p>★ Sail and Steam</p> <p>★ Cell Biology: From Structure to Function</p> <p>2:00-3:30pm</p> <p>★ Squirrels and Other Architects</p> <p>Rube Goldberg: Creative Chain Reactions</p> <p>★ Make: Physics</p> <p>Probability and Strategy in Game Design</p> <p>4:00-5:30pm</p> <p>Kitchen Chemistry</p> <p>★ Intro to LEGO Mindstorm Robotics</p> <p>★ Thinking Further Outside the Box: Concepts of Philosophy</p> <p>4:30-5:30pm</p> <p>★ Mysteries of Marine Science (Online)</p> <p>Cenozoic Life (Online)</p>	<p>4:00-5:30pm</p> <p>★ Intro to Ecology</p> <p>Vivid Threads</p> <p>★ Science of Superheroes</p> <p>4:30-5:30pm</p> <p>★ What Are All These OLOGIES? An OLOGY Buffet (Online)</p>	<p>11:00am-12:30pm</p> <p>★ Creative Engineering</p> <p>★ Maker Art History 2</p> <p>★ Arroyo Seco: Science and History</p> <p>1:00-2:30pm</p> <p>★ Color Curiosities</p> <p>★ Changemakers: Social Movements and Youth Activism</p> <p>★ 2025 Fluor Engineering Challenge</p> <p>3:00-4:30pm</p> <p>★ Natural Wonders in the United States</p> <p>★ Math Circle</p> <p>★ Worldbuilding for Video Games</p> <p>3:30-4:30pm</p> <p>★ Climate Change and Physics (Online)</p>	<p>12:00-1:30pm</p> <p>★ Life Skills Lab</p> <p>MakeBot Challenges</p> <p>Think Tank: Green Energy</p> <p>12:30-1:30pm</p> <p>Expository Writing: Writing for Impact (Online)</p> <p>2:00-3:30pm</p> <p>★ Robotics 2: Keep On Rolling</p> <p>Mission to Mars</p> <p>★ Zombie Based Geography</p>

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.