



Join IEA this Fall 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

September 16 - December 14
(No classes for Fall Break
November 25 - November 30)

WHERE

Pasadena, CA and
Online

APPLY BY AUGUST 19

Apply by July 22 for an Early Bird discount of \$20 off!

**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

★
New
Class

■
Ages 6-8
(In-Person)

■
Ages 6-8
(Online)

■
Ages 8-10
(In-Person)

■
Ages 8-10
(Online)

■
Ages 10-14
(In-Person)

■
Ages 10-14
(Online)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>4:00-5:30pm</p> <p>Intro to Microbiology</p> <p>Electronics: Voltage, Currents, and Circuits</p> <p>Cardiology: Matters of the Heart</p> <p>4:30-5:30pm</p> <p>★ Philosophy and Science Fiction (Online)</p>	<p>4:00-5:30pm</p> <p>Intro to Physics</p> <p>Comics & Graphic Storytelling</p> <p>Make: Calculus</p> <p>4:30-5:30pm</p> <p>★ Prehistoric Animals (Online)</p>	<p>10:00-11:30am</p> <p>Verse to Verse: The Art of Songwriting</p> <p>MakeBot Challenges</p> <p>★ America's Pastime: A History of Baseball</p> <p>12:00-1:30pm</p> <p>★ Imagination Lab: Exploring Art and Science</p> <p>Create and Rule Your Own Country</p> <p>★ The Hero's Journey in Film and Literature</p> <p>2:00-3:30pm</p> <p>★ Math in Motion</p> <p>Batter Up! Probability in Sports</p> <p>★ Machines, Gears, and Motors</p> <p>4:00-5:30pm</p> <p>Space Science</p> <p>Medieval Battle Tech: Land and Sea</p> <p>Chemistry Lab</p> <p>4:30-5:30pm</p> <p>Anatomy & Physiology (Online)</p>	<p>4:00-5:30pm</p> <p>Sense-ational Brain Science</p> <p>Genetics: A Splice of Life</p> <p>★ Designed Through Destruction</p> <p>4:30-5:30pm</p> <p>Myths and Monsters (Online)</p>	<p>11:00am-12:30pm</p> <p>★ Stories in the Making</p> <p>★ Shark Tank: Products and Pitches</p> <p>★ Proportional Reasoning</p> <p>1:00-2:30pm</p> <p>Vivid Threads: Screen Printing & Dyeing</p> <p>★ Crime Scenes and Storylines: Forensic Science in Literature</p> <p>Neuroscience: The Incredible Brain</p> <p>3:00-4:30pm</p> <p>Fungi Fun</p> <p>★ Puzzle Pros: Logic, Reasoning, and Creative Problem Solving</p> <p>★ Stop Motion Animation 2.0</p> <p>3:30-4:30pm</p> <p>★ NASA: Missions, Mysteries, and Discoveries (Online)</p>	<p>12:00-1:30pm</p> <p>Bees and Other Builders</p> <p>Physics Lab</p> <p>Creative Coding: Design Graphics with Python</p> <p>12:30-1:30pm</p> <p>The Power of Speech and Debate (Online)</p> <p>2:00-3:30pm</p> <p>Robotics: Get Rolling!</p> <p>STEAM Challenges</p> <p>Microbiology: Pathogens and Petri Dishes</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.