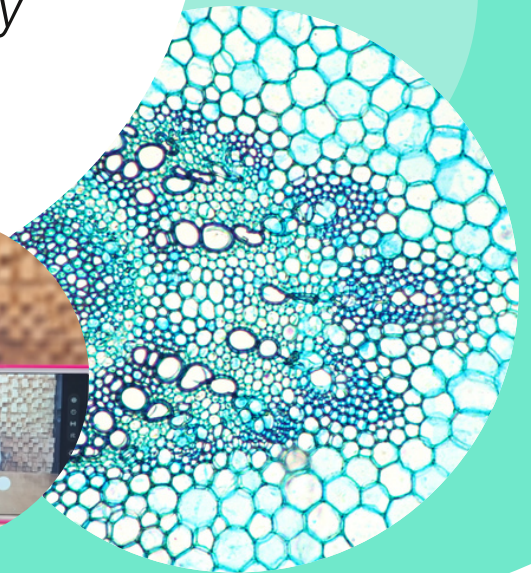




VIRTUAL EDUCATION PROGRAMS

The Junior Academy



The Junior Academy is a virtual community of international students ages 13-17 who are passionate about science, technology, engineering and math (STEM), and committed to making a difference in the world. Within the Junior Academy community, STEM professionals are available to act as mentors, who guide teams throughout their challenge process. Junior Academy participants learn advanced research and innovation skills, then collaborate with a global team of peers and mentors to tackle real-world challenges.

HOW IT WORKS

Applications open for new students in the Winter for the Spring program semester. Applications are reviewed after the application period closes by an admissions committee. Students are notified of acceptance decisions within 1-2 months after the application close date.

Program cycles run on a yearly basis. Within program cycles, there are two challenge cycles, one in the Fall and one in the Spring. Challenges are sponsored by leading companies and tackle issues that are relevant to our world's largest obstacles.

All student and mentor interactions take place via Launchpad, the Academy's virtual collaboration platform. Prior to tackling a challenge, Junior Academy participants are provided resource libraries and kick-off sessions designed to equip them with the skills they'll need to address the challenge.

Participants then enter a team formation period where individuals choose a challenge they wish to compete in and form a team of 6 students and 1 mentor by creating a project. They then work together to develop a research-driven solution to their chosen challenge.

How much does it cost?

Due to the generosity of our sponsors, virtual programming is free.

Who can apply?

Students who have been accepted to the Junior Academy community do not need to apply again as you can stay on Launchpad until you age out of the community!

- Students ages 13-17 (Birthday ranges vary from year to year)
- International Students from anywhere in the world!
- Access to a computer, laptop, tablet, or mobile phone with internet
- Able to communicate in spoken and written English (applications will be assessed for English proficiency)
- Students are required to have parent or guardian permission to join all Virtual Programs at the New York Academy of Sciences

Why Participate?

Junior Academy students acquire first-hand experience in research, problem-solving, leadership, and international collaboration skills by participating in challenges. They gain access to exclusive educational opportunities, and an unparalleled global network of peers and STEM professionals. Students are recognized as Young Members of the New York Academy of Sciences, and upon completing a challenge, earn a certificate at the end of their program year that will enhance their college resume.

Learn more at:
nyas.org/junioracademy

ABOUT THE GLOBAL STEM ALLIANCE

The Global STEM Alliance (GSA)—a subsidiary of the New York Academy of Sciences—is a world-wide talent identification and cultivation network, reaching participants in over 100 countries. Designed to inspire and prepare the next generation of innovators, GSA programs focus on mentorship, skills development, and the application of skills to real world challenges.