



STEM TEEN CAMPS 2021

Designed to give young students across the globe intensive, engaging, hands-on workshops focused on five skills that are essential to success: communication, critical thinking, creativity, collaboration, and goal-setting.

Campers will achieve a boost in their academic performance, create a sense of belonging with like-minded students, develop their decision-making skills and help them realize their dreams.

Each student will return from the program inspired to become future scientists and engineers to dream, innovate and make a positive change in the world.

**FOR CAMPERS AGES 12 TO 17
PASADENA CALIFORNIA, USA.**



SEE WHERE STEM CAN TAKE YOU!

#TakeTheChallenge

ITINERARY HIGHLIGHTS

1 ARRIVE LOS ANGELES Settle at the hotel. Welcome Reception and Orientation.

2 ROBOTICS/PROGRAMMING CAMP For robotics newbies or enthusiasts, this is more than just a robotics workshop. Our carefully-designed program integrates science concepts, as well as math and engineering skills, and shows the relevance of robotics to our everyday lives. Participants will be engaged by an immersive boot camp project that takes them right away through the process of building and programming their own robots. Get them off to the right start in robotics with this integrated STEM approach.

5 NASA-Jet Propulsion Laboratory EXPERT PRESENTATION A NASA scientist and field expert will provide a demonstration and keynote presentation to our campers providing a blend of historical perspectives, present activities and future visions related to the JPL. Possible topics include Mars exploration, Voyager missions to the outer planets, Robotics, Climate Change, and more. **GRIFFITH OBSERVATORY** Look through telescopes, explore exhibits, see live shows in the Planetarium, embark on an immersive museum experience where you'll get to hold a real meteorite and weigh yourself on all the planets in our solar system!

6 MAKERCAMP Engineer, build, test and then compete with several cool structures and machines, as well as introduce campers to other makerspace equipment, such as 3D printers and more. Learn the fundamentals of 3D Design and Print.

7 IFLY INDOOR SKYDIVING Watch physics in action! And experience microgravity test floating working on a wind tunnel

8 CALTECH Caltech scientists and engineers invent, use, and share research tools, supercomputers, and advanced analytical labs, which allow them to think big and create extraordinary research programs. This tour provides an extraordinary opportunity to have access to Caltech world-class laboratories, facilities and meet top-notch scientists.

OAK CREST INSTITUTE OF SCIENCE Take an exclusive tour of Oak Crest's first-rate laboratory. A major research arm at Oak Crest consists of developing solutions to important medical challenges, primarily in infectious diseases, using innovative chemistry and biology approaches. Campers participate in hands-on, interactive activities guided by real scientists to provide real life experience and exposure to what actual scientists do. (Farewell Dinner)

9 DEPART LOS ANGELES Congratulations on your successful completion of AEXA STEM Teen Camp! Bid farewell as you board your transfer to Los Angeles International Airport

CAMP & TOUR INCLUSIONS

- 7 full-days of camp and STEM field trips featuring exciting courses in robotics, programming, 3D design, engineering, speakers, challenging and fun, interactive workshops with access to real laboratory and makerspace, and state-of-the-art technology and equipment
- Educational Tours visiting Griffith Observatory, Oak Crest Institute of Science, Caltech Laboratory and iFly
- Standard hotel accommodation, quad-sharing
- Certificate of completion
- All transportation
- Three meals a day and snacks
- Accidental medical insurance
- Prizes for outstanding participants and souvenirs for every student
- AEXA staff 24/7 with the group

TERMS AND CONDITIONS

- Cost of the AEXACamp \$3,500 USD
- Minimum of 10 and maximum of 20 camp attendees, if the minimum spots are not filled the program will get canceled, in this case, a full refund will be issued
- Price is based on quad-sharing
- Some activities may change subject to availability
- Other conditions apply

PAYMENTS

Registration	\$350 USD
1st payment	\$1000 USD
2nd payment	\$1500 USD
3rd payment	\$650 USD

CANCELLATION POLICY

NO OF DAYS (CANCELLATION)	Penalty per person
42 days and over	350 USD
41-21 days	30%
20-8 days	50%
7-1 days / No show	100%

FOR MORE INFORMATION CONTACT

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