



EXPLORING YOUR WORLD WITH DRONES

GIRLS TAKE FLIGHT

San Diego Institute of Science and Technology
at the
ELEMENTARY INSTITUTE OF SCIENCE



A drone education program to introduce high school girls in the 10th and 11th grade to drone-related opportunities in the science, technology, engineering and mathematics (STEM) field.

Special thanks to our Girls Take Flight sponsors.



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ABOUT THE PROGRAM

Girls Take Flight is a free, in-depth, three-phase drone education program offered through the Elementary Institute of Science to introduce high school girls in the 10th and 11th grade to drone-related opportunities in the science, technology, engineering and mathematics (STEM) field. This is the only program of its kind in the U.S.

PROGRAM PHASES

Phase 1: Online Kickoff Events [February 16th, 22nd, 23rd & March 1st, 2nd, 2021 3:00 PM]

- Explore the world of unmanned aerial vehicles
- Meet female drone professionals
- Kickoff Sign-up Link: [CLICK HERE](#)

Phase 2: Drone Camp [March 29th - April 2nd, 2021 9:00 AM - 4:00 PM]

- Held during spring break (EIS will follow **CDC COVID-19** guidelines)
- Full week of learning how to program, fly, and control a drone to fly autonomously
- Learn basic flight commands and drone regulations
- Explore drone-related careers and uses of drones in our society

Phase 3: Drone Practicum [May - October 2021]

- Intensive 24-weeks held during summer through fall
- Earn Federal Aviation Administration (FAA) drone pilot certification
- Build flight knowledge and skills
- Learn to build and fly drones
- Visit local drone-related companies
- Conduct field video project
- Receive up to \$2,222 stipend



APPLICATION DETAILS

The online kickoff events are open for students to attend. The application for Drone Camp will open on Monday, February 16th, 2021. The application for the Drone Practicum* will open in April.

*Drone Practicum applications will be available to apply for those who participated in the drone camp. There is no guarantee that the practicum application will be open to those who did not participate in the camp.

CONTACT

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