



EXPLORING YOUR WORLD WITH DRONES

GIRLS TAKE FLIGHT

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: **Kickoff Event** [SAT/February 22, 2020]

- Explore the world of unmanned aerial vehicles
- Meet female drone professionals

Phase 2: **Drone Camp** [MON/March 30 - FRI/April 3, 2020]

- Held during spring break
- 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 2020]

- 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 \$2,000 stipend



APPLICATION DETAILS

The kickoff event is open for students to attend. The application for Drone Camp will open on Monday, February 10, 2020. 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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