AERIAL *DRONE* COMPETITION

It's not a race.
It's a challenge.
Take flight with the
Aerial Drone Competition.

Supported by the REC Foundation, The Aerial Drone Competition offers an exciting educational drone sporting event that focuses on hands-on, student-centered learning.

FUTURE INNOVATORS ON THE RISE

Students compete in local and national events. Competitions are recommended for students grades 5 - 12.

1
PILOTING TEAMWORK
Drones are piloted by students. Two teams fly together to maximize their score.

2
AUTONOMOUS FLIGHT
Drone is programmed by student to operate entirely autonomously. Each team competes alone to score as many points as possible in a 1 minute match.

3
PILOTING
Drone is piloted by student to fly through an obstacle course. Each team competes alone to score as many points as possible in a 1 minute match.

4
JUDGING
Teams interview with Judges about their Drone, Programming, and Competition Logbook.

AERIAL DRONE COMPETITION

Teams learn about drones, flight principles, programming, documentation, and communication skills while expanding their understanding and building interest for drone-related workforce and career opportunities.

Students pilot and program drones, and document their process in a competition logbook. Our competition has FOUR focuses: Teamwork, Autonomous Flight Skills Challenge, Piloting Skills Challenge, and Competition Logbooks.

QUICK FACTS

- We recommend 3-5 students per team. Each team has one drone.

- A typical team will practice 2 - 4 hours per week.

- Equipment: A Drone, controller, a computer for programming, and spare parts (batteries, motors, propellers).

CONTACT US

For more information on the REC Foundation's Aerial Drone Competition checkout the TEAM FAQ.

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