

Drone Challenge: Only WozEd Drones will be used at this time for equality purposes

The drone competition is a cumulative score that is made up of adding up the flight time for each mission.

Part I-Flight Accuracy: Students will be timed as they fly through an obstacle course where students should be skilled in pitch, roll, yaw, and throttle. The course will required drones to do specific actions in order to survive and finish the challenging course. Students should know basic no fly zones like they cannot fly in State/National Parks, Sporting Events, or near airports.

Part II- Team Communication: Pilots will be isolated from their drones and must communicate with a spotter in order to navigate through several obstacles.

Part III-Payload Delivery-Students must design and implement a solution to move 40 paperclips across a simple field with a few obstacles. Students can choose their own flight path and payload per trip in order in complete the mission.

Caution to the Flight Crew: If the drone touches or crashes, the crew will be disqualified as a by-standard may have been hurt in the incident.

1. Flight Accuracy	secs
2. Team Communication	secs
3. Payload Delivery	secs
Total:	