



2024 Drone Competition Playbook

Goal

In today's tech industry, drones are being utilized more and more to help with a myriad of tasks, which makes drone innovation one of the most exciting areas of technological advancement. The purpose of this competition is to bring awareness to the various ways in which drones are currently being used and imagining the ways drones may be used to further innovation in the future.

Event Details

Date & Time: May 3, 2024, 9:00 am - 2:00 pm

Location: Tulsa Community College
Riverside Community Campus & Aviation Center
112 W. Beechcraft Drive, Tulsa, Ok 74132

Entrance is free and lunch is provided for all attendees.

Questions? Contact Rachel Christy at rachel.christy@tulsastem.org or 918-779-4910.

Task

Competitors/teams will develop and present a research project to a panel of judges.

The research project should contain original student/team research related to **ONE** of the following questions:

How have drones contributed to innovation within an industry of your choice?

OR

How do you anticipate drones will continue to advance innovation within an industry of your choice?

Students can choose one or two drone innovations to research and prepare a visual and verbal presentation. Visual presentations can be digital or poster/tri-fold. Each presentation should provide references and credit to images or inventions.

Rules

1. Students can compete as individuals or work together in teams of 2.
2. All competitors/team members must be students within grades 9-12.
3. Presentations must be given live during the competition (no pre-recorded speeches).
4. Presentations will be limited to a maximum of 10 minutes.
Note: Competitors/teams should save part of the 10 minute time allotment for questions and answers.
5. Research project information must be organized into two parts:
 - a. A visual presentation to be presented orally on the day of the competition.
Note: If creating a digital presentation, make sure the file is shareable.
 - b. A one page summary of the research procedures followed and the citation for resources used during research.
6. All digital files/links must be submitted 2 weeks before the competition.
7. No changes to the presentation files will be permitted after they have been submitted.
Note: Requests for exceptions to this rule must be sent to Rachel Christy at rachel.christy@tulsastem.org and will be analyzed on a case-by-case scenario.

Scoring

Projects will be judged on the following criteria for a maximum of 100 points:

1. Discussion - Did the student/team make a clear case of how the innovations they chose have helped or will help further innovation in their selected industry? (50 pts)
2. Overall organization of information (20 pts)
3. Presentation - Was the presentation engaging? (10 pts)
4. Clarity - Was the presentation easy to follow? (10 pts)
5. References - Did the student/team give credit as needed to the innovations, images and research? (10 pts)