



Frequently Asked Questions (FAQs):

1. How will teams be notified if selected for the Drones in School grant?

If selected, teams will receive an email from Drones in School with further information. All applicants who are not selected for funding will be notified by Dec. 1, 2021.

2. Will the team need to source other materials to build the drone?

To participate in the Drones in School program, teams must design and fabricate their own racing drone frame. There are many options for how a team may choose to complete this task, but the majority of teams use a 3D printer for this aspect of the program. It is also recommended that you have a soldering iron with a fine tip for small electrical work for minor repairs. Teams will also need to create a portfolio and team display, requiring additional materials such as paper, poster board, cardboard, markers, glue, etc.

3. Is a 3D printer required to create parts of the drone frame? Are there other ways to make the frame?

There are several ways to manufacture a frame that meet the requirements of the Drones in School program. Many teams choose to use 3D printing technology due to the ease of use and flexibility of the material, however, any fabrication methodology can be used to build the team's drone frame. Teams may also outsource the 3D printing aspect.

4. I understand that registration fees are included in the Florida Power & Light Company (FPL) Drones in School grant for the first year of the program. What are the costs to register our team for year two?

Teams need to register each year and the cost is per team. Currently, registration is \$100 for an organization's first team and \$50 for each additional team.

5. Are the free professional development sessions provided with this grant required?

Although not required, the professional development is highly recommended as these sessions will provide a team mentor with hands-on experience and in-depth information on competitions, curriculum and the STEM kit.

6. Is there a minimum number of competitions a team needs to participate in as part of this program?

Each team is expected to participate in at least one official Drones in School event, whether in-person or virtually.

7. How will I find out about competitions in my area?

Drones in School utilizes an "Event Partner" model for hosting competitions. In addition to the team equipment sponsorship, FPL provides a complete competition kit to 10 Event Partners strategically selected to meet the needs of teams throughout the state. Each Event Partner will receive information about local MultiGP chapters, universities or other organizations that are willing to host or assist with hosting competitions. Event Partners set their own dates and locations for competitions and notify the Drones in School program. Local competition details are shared with teams in the area.

Each team receives 2 MultiGP STEM Alliance Kits including:

What's included in my kit?

EMAX Tinyhawk II Drone

1S 450mAh Battery (2)

EMAX Transporter goggles w/ battery

Turtle-Mode propellers set (2)

EMAX E6 Transmitter

Micro USB programming cable

Battery voltage checker

1S LiPo USB powered charger (USB power source not included)

Instructions to access the online Drones in School curriculum