

# UNIVERSAL TIME TRIAL TRACK

Race, Post Times, & Compare with Drones In School



- Online leaderboard
- Test your speed
- Compare your laps
- Compete against others

- Simple to set up
- Uses five gates, three flags
- Fits in a gym or other indoor space
- Uses standard gates





# Rules, Procedures & Regulations

## General Event Regulations:

- The Universal Course must be set up to exact specifications and measurements provided by the setup diagram.
- The course must be free of obstacles and provide as much clear space around the court to allow for unrestricted turns. Be especially conscientious of overhead obstacles, such as scoreboards or extra backboards.
- All Drones in School safety precautions must be adhered to.
- Universal Course time trials must be run by a registered Drones in School team advisor.
- Racing gates must be standard issue MultiGP STEM Alliance racing gates or another gate with a 30" high x 36" wide opening.

## Pilot Rules:

- All gates must be passed through. If a gate is missed, the pilot must turn their aircraft around and pass through the gate.
- The course path must be followed as in the setup diagram.
- Pilots must have a spotter/visual observer to count laps and alert the pilot of any safety issues.

## Host School Procedures:

### Timing:

- A timed race begins from a red or blue starting pad and ends with the finish gate.
- Lap times should be recorded by a spotter with a timer or using onboard DVR.
- Cellphone/camera, DVR, or onboard video of the entire run is required for all submissions.
- Pilot times are measured by the completion of three laps.

### Executing Time Trials:

- There is no limit to how many times a pilot may run the time trial. This is determined by how many pilots attend and how the Host Team or team advisor wishes to structure racing.

### Submitting Results:

- It is the duty of the team advisor to collect the official times of each pilot.
- Team advisors should submit each team's best time.

## Course Setup

### Required Gates/Flags

5 standard gates 3 flags



x5



x3

### Track Measurements



Use basketball court reference points and the shown measurements to ensure you have properly positioned gates.





