

# **Welcome!**

Get ready for a week of flying, building, racing, and innovating! At Drone Racing Camp, you'll learn how drones work, build your own racing drone, fly it through obstacle courses, and design your own light-up race gate to take home. Let's have an awesome time together!

## What You'll Do

- Monday: Drone basics, safety, start building your drone
- Tuesday: Soldering, wiring, and assembling your flight gear
- Wednesday: Programming and first flights
- Thursday: Build your own glowing race gate!
- Friday: Tournament day + showcase and celebration!

# Your Daily Timetable

- 09:00-09:30: Registration & Briefing
- 09:30-10:45: Workshop
- 11:00-12:30: Project Build
- 12:30-13:30: Lunch & Chill
- 13:30-14:45: Flight Practice
- 15:00-16:15: Challenges
- 16:15-16:30: Daily Wrap-Up

## **What to Pack Each Day**

- Packed lunch & water bottle
- Comfortable clothing for indoor/outdoor activities
- Closed-toe shoes (no sandals or flip flops)
- Hair tied back if long
- A great attitude and a curious mind!

## **Safety First!**

- Always wear safety goggles when soldering or flying
- Only fly when an instructor says it's safe
- Respect others' space - drones move fast!
- Ask for help if you're unsure - no silly questions here!
- Stay hydrated and take breaks

## **Your Personal Drone!**

You'll be building your drone piece by piece - from motors to camera to controller setup. By the end of the week, you'll know exactly how your drone flies - because YOU made it!

## **Design Your Own Race Gate!**

Use LED lights, PVC pipe, and your own imagination to build a glowing race gate. You'll use it in the final tournament and take it home to keep flying!

# How We Fly Together

- Be kind and helpful
- Share tools and support your team
- Respect people, projects, and tech
- Take pride in what you build
- Celebrate your journey - not just winning



## **Get Ready to Shine!**

On Friday, you'll show off your drone and gate in front of family and friends! You could earn awards like:

- Best Pilot
- Best Gate Design
- Most Improved
- Team Spirit Award

# Any Questions or Ideas?

Let's fly smart, build strong, and have fun!

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