

Drones – STEM Scientists’ Sample Daily Schedule

Daily Schedule

8:30 - 9:00am	Arrival and Morning Meeting
9:00 – 10:10am	Drone Flight Block #1
10:10 - 10:25am	Snack/Debrief Block #1
10:25 – 10:45am	Change and walk to the pool
10:45 - 11:15am	Swimming
11:15 – 11:35am	Walk back and change
11:40 – 12:40pm	Lunch and Flight Time
12:45 – 2:40pm	Water Break and Flight Block #2
1:15 - 2:40pm	Flight Block #3
2:40 - 3:00pm	Daily Drobots Challenge, Pack-up
3:00 - 3:30pm	Dismissal

Session 1: Ultimate Drone Obstacle Challenge

- How To: Control Your Drone
- Real Flight Simulators
- Drone Safety, Maintenance, and Engineering
- Drone Obstacle Course Racing
- Drone Coding
- Drone Acrobatics and Agility
- General Principles of Drone Flight
- Free Flight Drone Competition
- DROBOTS OLYMPICS!

Session 2: Drone Mission Mania

- Drone Conceptual Design
- Search & Rescue Flight Industry Use Cases
- Drone Safety, Maintenance, and Engineering
- Search and Rescue Mock Missions
- Drone Project: Search & Rescue Simulation
- Group Project Presentations
- Various Search & Rescue Challenges
- Drone Coding and Coordination
- DROBOTS OLYMPICS!