



Dear Caregivers,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *Drone Zone* for grades 7 – 9. This week will be incredibly fun-filled and provide your child with a variety of hands-on, exploratory learning experiences. In order to help you discuss with your child what he or she has seen and done each day, we would like to give you an overview of the camp for this week.

Sincerely,

OSC Summer Camp Staff

---

### **Drone Zone – Peek at the Week**

*“Take to the skies and go where people can’t travel! Explore drone technology and try to master flying these marvelous machines. Then, learn how scientists are using the latest technology to follow bird migration, deliver relief packages after natural disasters, map uncharted territory and discover lost cities.”*

**Monday – Flying Machines:** Prep your engines as we soar into the sky and learn the basics of aerodynamics. Challenge your skills as we attempt to achieve equal buoyancy and practice our drone maneuvering competencies.

**Tuesday – Relief on the Fly:** Gear up as we explore the techniques and uses of aircraft and drones to assist in the relief efforts of natural disasters. Use virtual reality and drone engineering to gain the skills necessary to help those in need of some relief on the fly.

**Wednesday – Migration Movements:** From sky bound flyers, to land dwelling giants, fine tune your virtual reality skills to help with airborne animal conservation efforts. Learn how drones help monitor massive migrations and immerse yourself in the studies of animal behavior and documentation!

**Thursday – Field Trip\*:** Students will go on an exciting field trip and learn about how the world of drones and coding intertwine.

**Friday – Drones Uncharted:** Explore uncharted locations! Build your own infrared detection device and map out areas unknown. Finish the week off at a high altitude as we demonstrate the skills we have learned over the past week by creating our own drone obstacle course!

\* Field trip locations are subject to change.