

# NATIONAL AVIARY SUMMER FLIGHT CAMP



sponsored by



## Explore the Mystery and Science of Flight



Tuition for Flight Camp is \$250 for the week; \$225 for members of the National Aviary. Classes are grouped by age and take place on the following dates (Monday through Friday):

Ages 6-8 July 24-28

Ages 9-11 July 31-August 4

Ages 12-14 August 7-11

To register, call 412.323.7235 ext. 209.

From manning a mission to Mars and discovering what makes a plane take off to building a rocket and witnessing close-up a live bird in flight, kids will explore the science and mystery of flight at Flight Camp, an exciting week-long program presented by the **National Aviary, Carnegie Science Center, Sky Dive Pennsylvania, Challenger Learning Center** and **Pittsburgh Zoo & PPG Aquarium**.

In five energy-packed days full of challenging interactive experiences — one day will be spent at each participating organization — students will test and discover the principles that make flight possible for bird, mammals and man.

The week begins at the National Aviary, where students will learn what birds have taught aeronautics engineers about the physics of flight. The class will include the incredible experience of watching live birds flying in the Aviary's wind tunnel and opportunities to meet many of the Aviary's birds close up. Participants will also discuss Bernoulli's principles of flight and make their own kites.

At the Carnegie Science Center, students will further study the mechanics of flight, and will have the opportunity to build and launch rockets to put those principles to the test.

At Sky Dive Pennsylvania in Grove City, students will tour the facility and learn how engines and planes work. Experts on parachutes will demonstrate the aerodynamics of ram air parachutes through packing demonstrations and discussions. Campers will see a skydiving demonstration by licensed skydivers.

Space flight is the focus of the day at the Challenger Learning Center where kids will take a mission to Mars so authentic they will feel that have truly visited the red planet. The mission will begin with an exercise in ground control, followed by time in the space shuttle.

The week ends with a day at the Pittsburgh Zoo and PPG Aquarium. Students will visit the bat exhibit and learn about the difference between bird flight and mammalian flight. Students will also meet and learn about nonflighted birds such as ostriches and penguins.

### Meet Our New Partner!



Shop at any Wild Birds Unlimited store between 9AM and 5PM on Saturday, August 12th.

Wild Birds Unlimited will donate 10% of total sales on that day to the National Aviary.

Visit Wild Birds Unlimited in Wexford 724.935.0051  
10900 Perry Highway

South Hills 412.833.9299  
1775 N. Highland Road

Monroeville 412.374.0678  
3848 William Penn Highway