

Bird Flight – How Birds Are Able to Overcome Gravity



In this class students explore the physics of bird flight through many hands-on experiments. They compare the skeletal and bone structure of birds and humans, take a close look at feathers, study the principles of airfoil design, and try out flight motion.

Grade level: 1st to 5th grade

Number of students: 30 students max

Duration: 1 hour

Cost: \$3 per student

Maryland Science Standards addressed:

[1-LS1-1: Biomimicry Design Solution](#)

[1-LS3-1: Plant and Animal Structures](#)

[2-PS1-1: Material Properties](#)

[2-PS1-2: Materials Testing](#)

[3-LS4-3: Habitats and Organism Survival](#)

[4-LS1-1: Internal and External Structures](#)

[5-PS1-3: Material Properties](#)

Please contact coastkids@actforbays.org for more information and booking.