



## Education Program *Grades 2-5*

iFLY's unique vertical wind tunnel provides the perfect environment to show students how exciting STEM can be! Our Education Program has been designed by professional educators to support and enhance STEM learning in your classroom.



### **Every iFLY Field Trip includes:**

- Interactive STEM presentation, delivered by iFLY STEM Educator
- Physics demonstration in the wind tunnel
- Classroom experiment to investigate the effects of parachute parameters on flight performance
- Flying instruction & safety training
- Flying time, with one-on-one supervision from a highly-trained and certified instructor
- Pre and post-field trip activities to conduct in your classroom
- Photos and videos for the students to keep



“...all I can say is **WOW!** Best field trip in 18 years of teaching. My students couldn't stop talking about it today!”

– Raine Maggio,  
classroom teacher



iFLY field trips make STEM relevant, interesting and accessible for your students.



**Our Learning Objectives include:**

- Increasing awareness of exciting STEM careers
- Learning how STEM is used in the real-world
- Understanding the differences between solids and fluids
- Analyzing the effects of different forces on an object
- Planning investigations and defining variables in an experiment
- Measuring and recording data
- Interpreting results
- Understanding variability, uncertainty, and error in experimental results

All iFLY field trips are support the following standards:

Common Core Mathematics:

2.MD.A.1; 2.G.A.1; 3.MD.B.4; 3.MD.C.5; 4.MD.A.3

NGSS: K-PS2-1; K-PS2-2; 3-PS2-1; 3-PS2-2; 4-PS3-1; 5-PS2-1; 3-5.ETS1-1; 3-5.ETS1-3