



PRE-FIELD TRIP INTRODUCTION

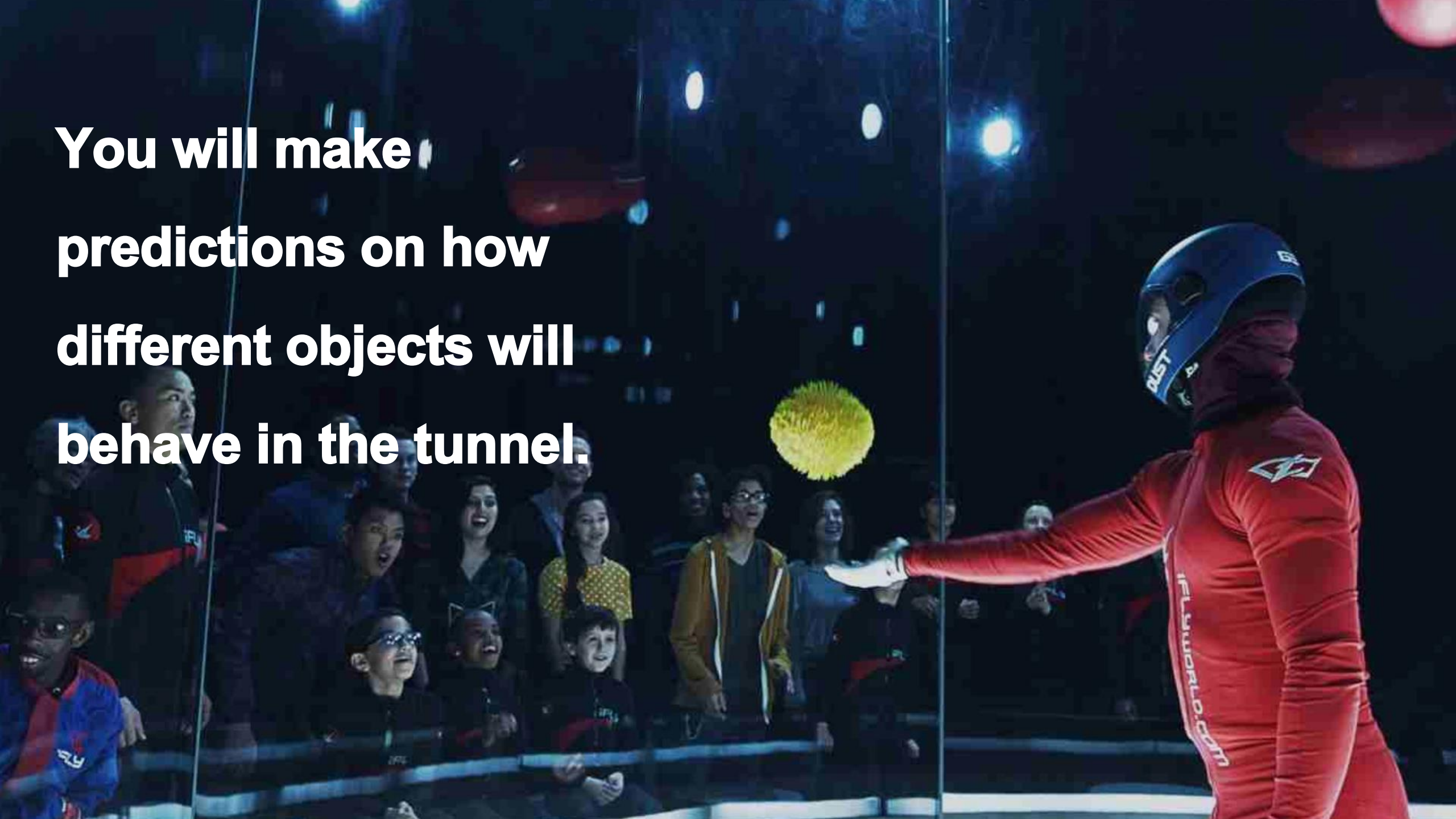


So you're coming to iFLY...

**What should you expect
during your field trip?**



**You will make
predictions on how
different objects will
behave in the tunnel.**



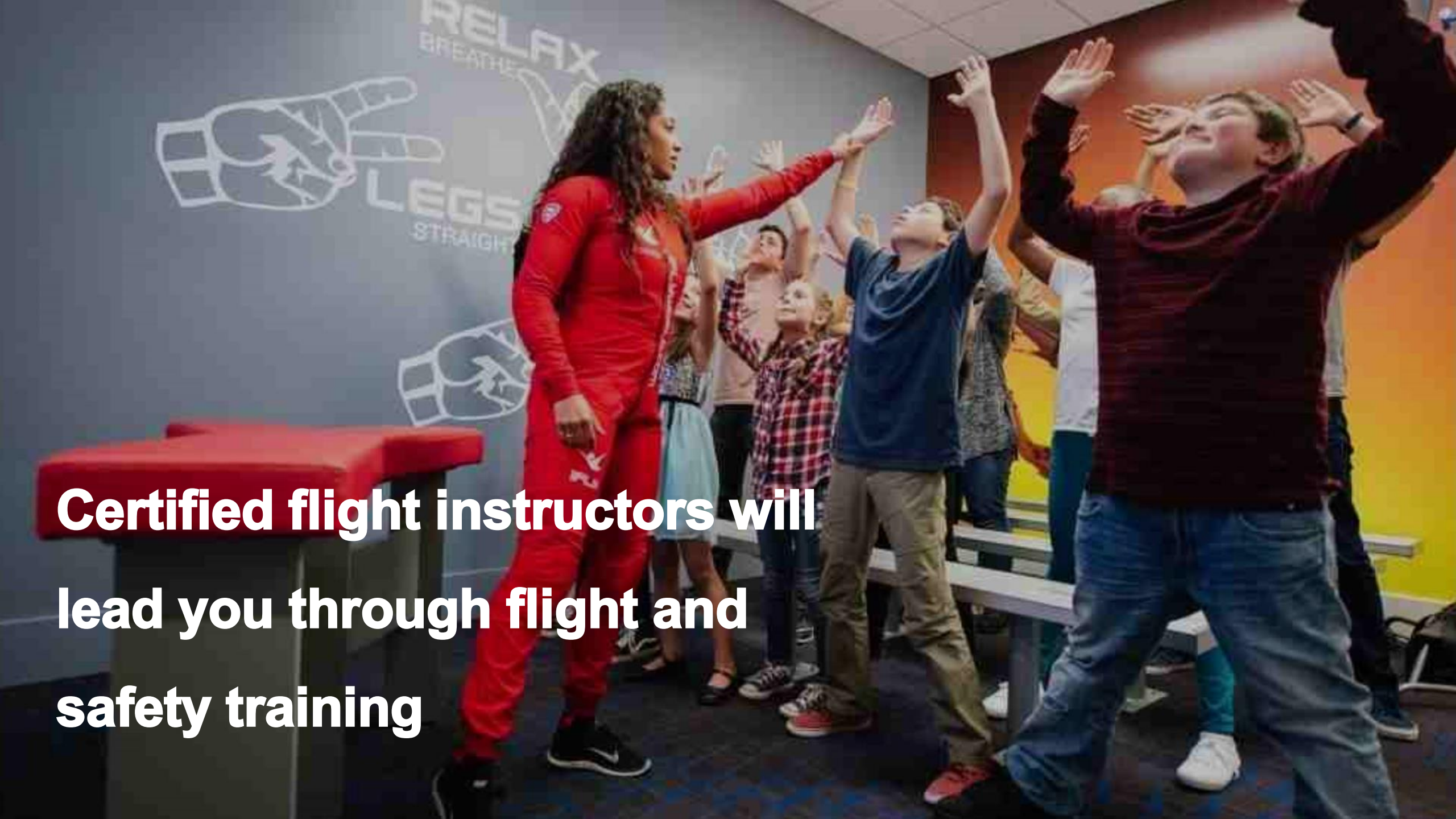
**How would you create a
wind tunnel?**





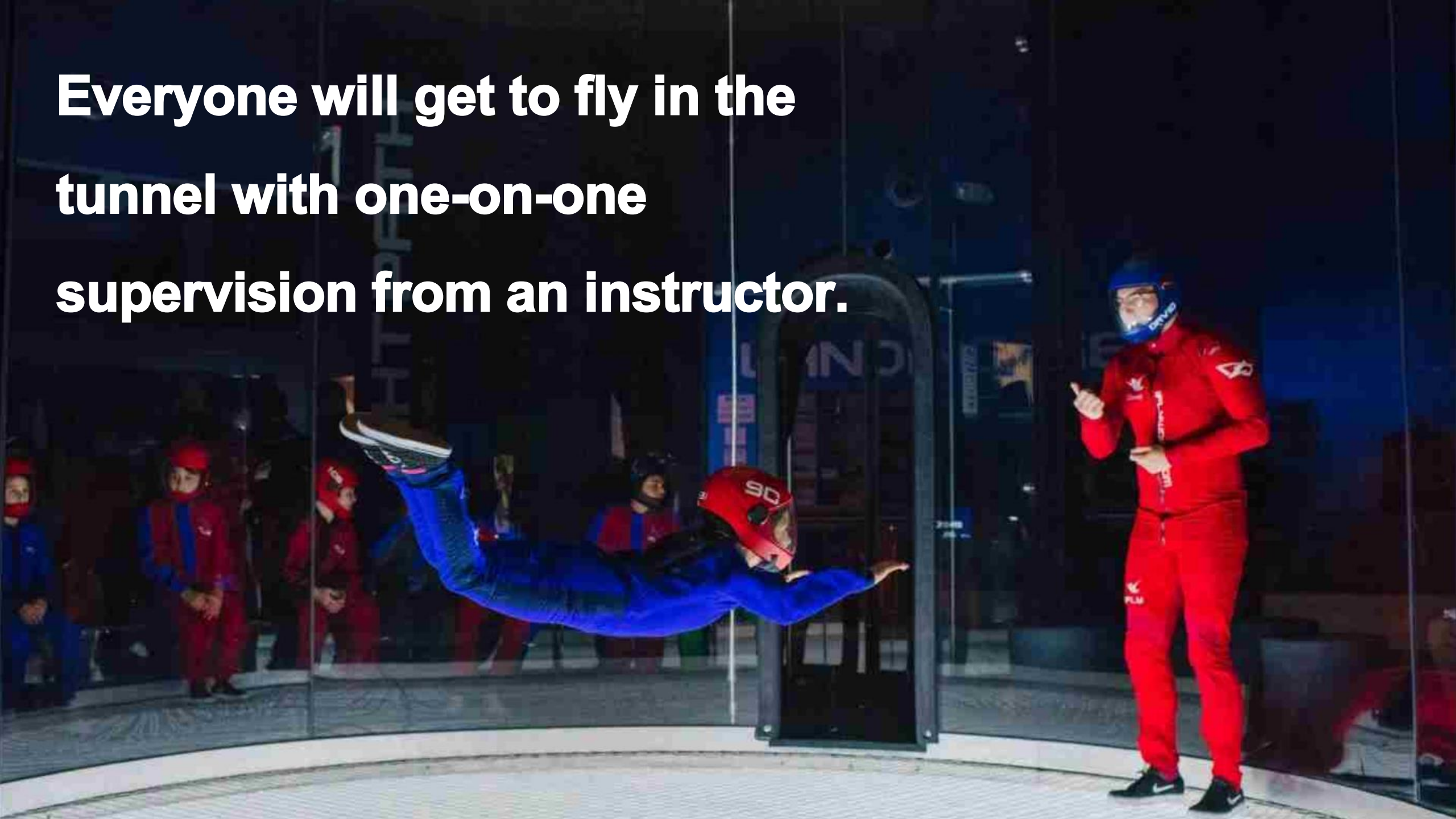
You'll investigate how parachutes work. How is this related to flying in the wind tunnel?

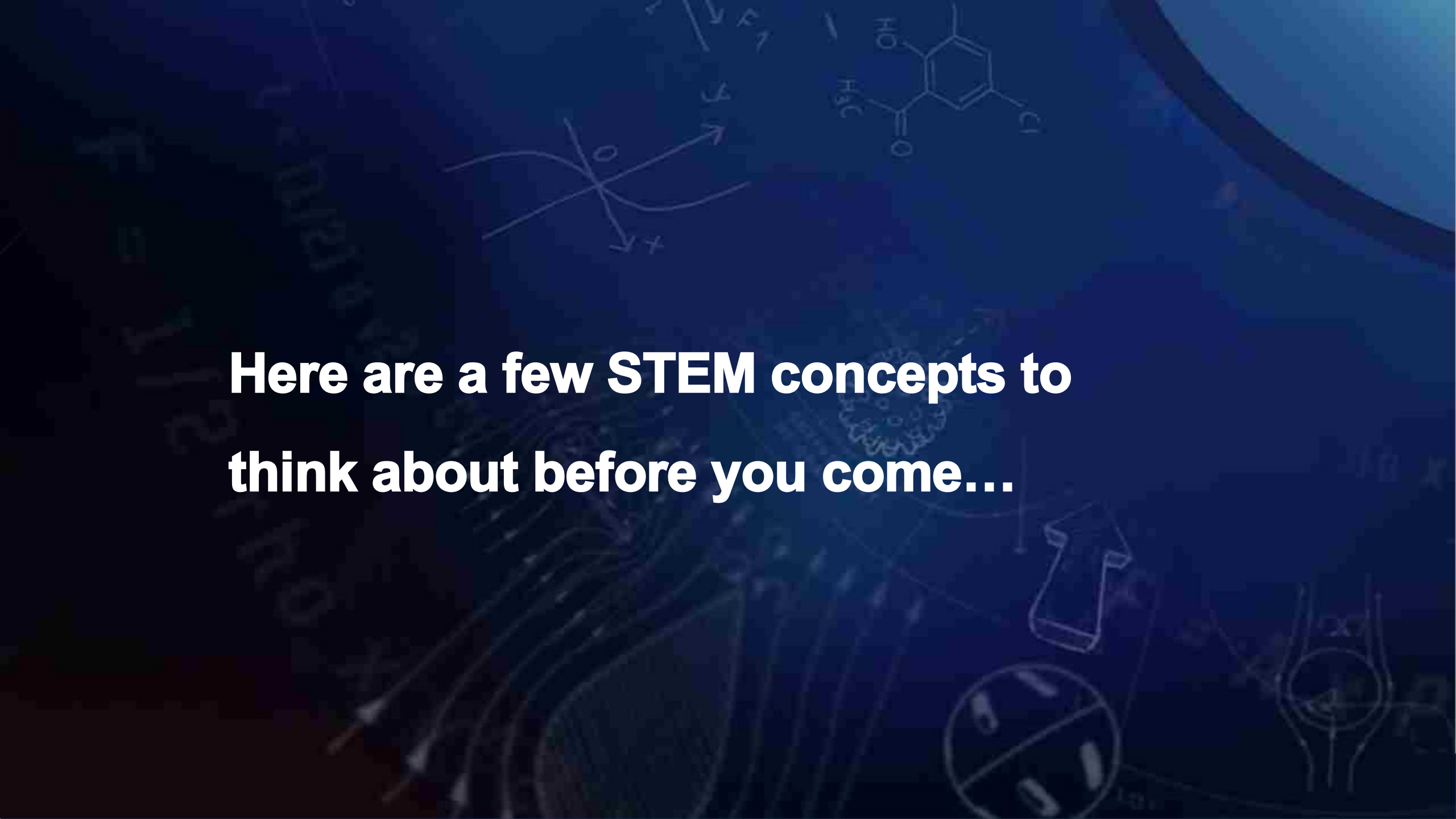


A flight instructor, a woman with long dark hair wearing a red jumpsuit, is leading a group of children in a flight training exercise. The children are standing in a line, with their arms raised and hands flat, mimicking a wing or a plane's surface. They are in a room with a blue wall that has white text and graphics. The text includes "RELAX", "BREATHE", "LEGS", and "STRAIGHT". There are also white line drawings of hands and legs. In the foreground, there is a red padded bench. The floor is blue and grey patterned. The background is a bright orange wall.

**Certified flight instructors will
lead you through flight and
safety training**

Everyone will get to fly in the tunnel with one-on-one supervision from an instructor.



The background is a dark blue gradient with faint, white, hand-drawn sketches. These include a coordinate system with a curve, a chemical structure of a substituted benzene ring, a circular diagram with arrows, and a cross-section of a mechanical part.

**Here are a few STEM concepts to
think about before you come...**

**What are the
differences between
solids and fluids?**



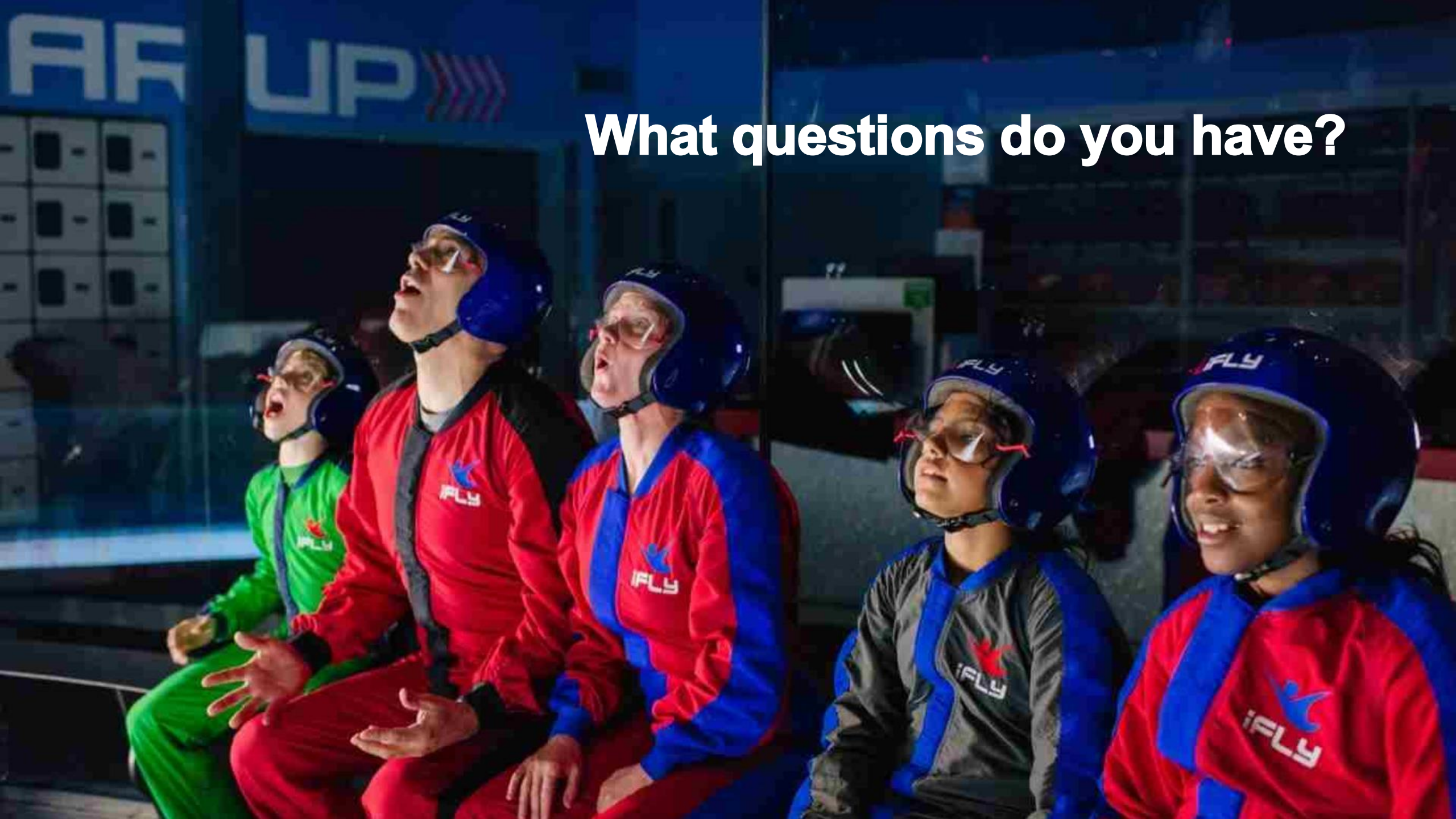
**What forces are at work
on your body when
flying in the tunnel?**



**Which flyer needs faster
wind to fly? Why?**



What questions do you have?





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