



S.T.E.M. EXPERIENCE



TODAY'S AGENDA

- PHYSICS DEMO

- PRESENTATION

- STEM ACTIVITIES

- FLY!!!

- WRAP UP



WHAT IS STEM?



SCIENCE



TECHNOLOGY



ENGINEERING



MATH

EXCITING FUTURES IN STEM



SOLVE REAL PROBLEMS



STEM is used in the real world to solve problems and improve lives.

STATES OF MATTER

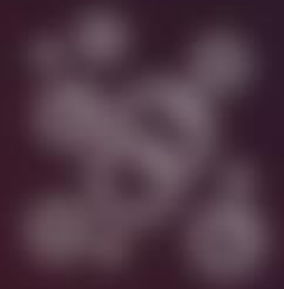


SOLID

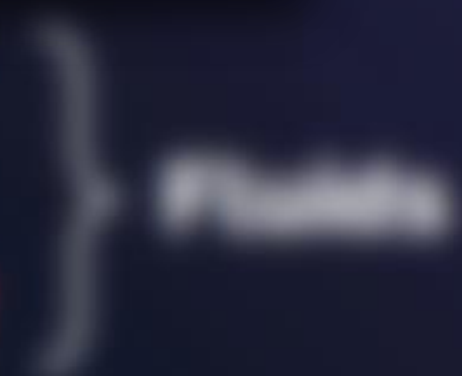
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LIQUID



GAS



AIR IS A FLUID

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A FORCE IS PUSH OR PULL...

Gravity pulls

on

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*Air can push
an object.*



WIND TUNNEL TESTING

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WE MAKE STEM FUN!

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IFLY WIND TUNNELS

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IFLY WIND TUNNELS



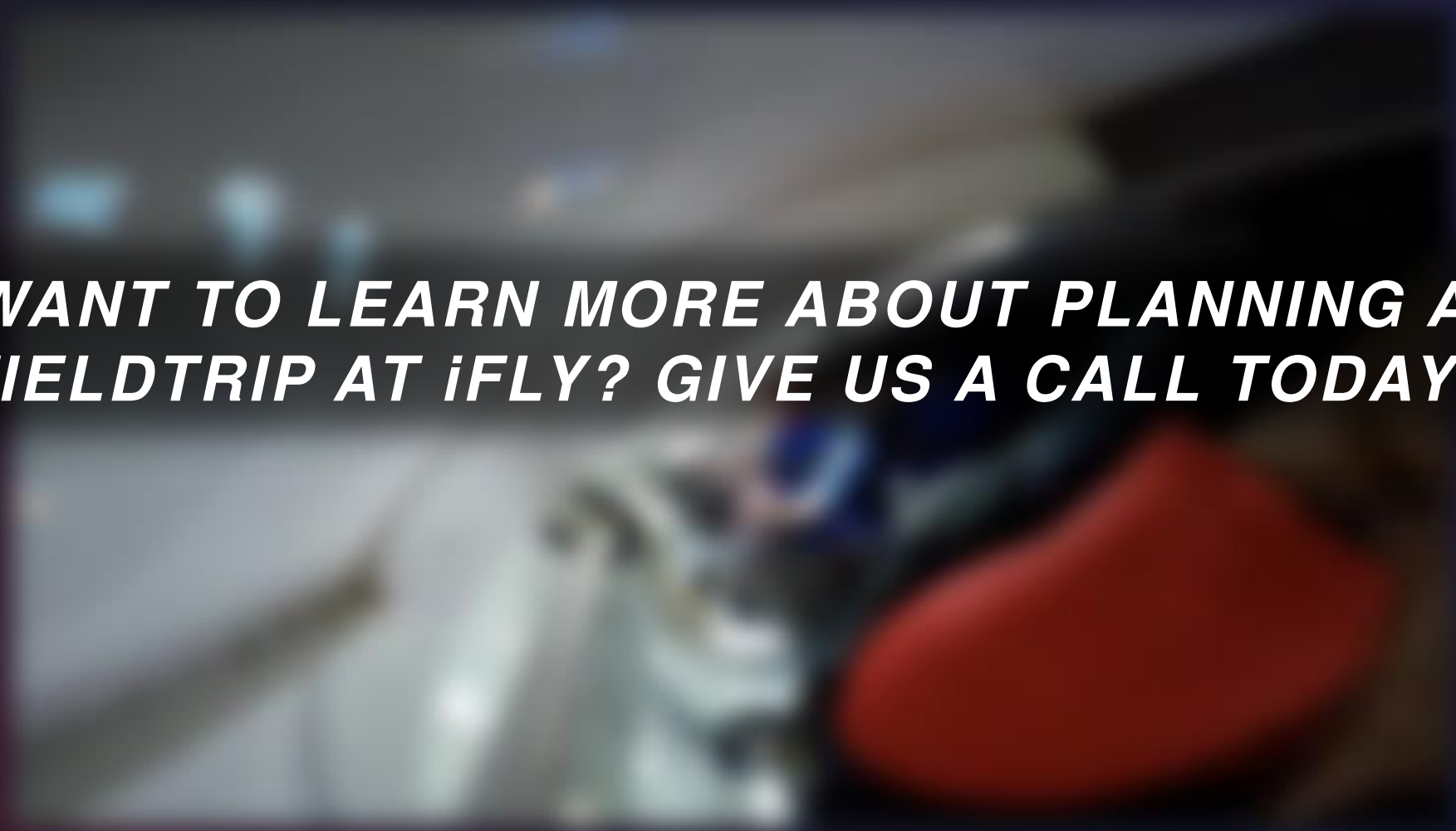
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SCIENCE OF SKYDIVING

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INDOOR VS. OUTDOOR

Air Profiling

Air Profiling



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Ground Profiling

Ground Profiling

WHAT FORCES ARE AT PLAY?



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WHAT FORCES ARE AT PLAY?



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WHAT FORCES ARE AT PLAY?

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QUESTION:

Do you want to learn more about planning a fieldtrip at iFLY? Give us a call today!

Call us today to fly!



FRONTAL AREA

***WANT TO LEARN MORE ABOUT PLANNING A
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800.833.4622

The background is a dark blue gradient with a collage of faint, white scientific and mathematical sketches. These include a 3D coordinate system with x, y, and z axes, a chemical structure of 4-chloro-3-hydroxyacetophenone, a graph of a curve passing through the origin, a vector field with arrows, a 3D rectangular block with an upward-pointing arrow, a circular diagram with four quadrants, and a diagram of a sphere with intersecting lines.

QUESTIONS?



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