# **Mission Statement**

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Flying's Cool!'s mission is to introduce children and adults to flying through educational enrichment and community outreach programs. Our goal is to use the natural fascination people have with flying as a tool for education. Each class includes a combination of instruction and multi-media presentations, the highlight being hands-on use by each student of a flight simulator with controls just like those used in real aircraft.

By the end of each session, the students will have an understanding of:

- •How planes fly & how to control them
- •Navigation procedures including maps, radio navigation, and gps
- •Weather and its effects
- •Air Traffic Control
- •Flight planning
- •A historical perspective of aviation
- •Depending on time available, a field trip to a local airport is possible.

And the best part is, they'll have hands-on experience in what it's like to actually control and fly an airplane.

**Flying's Cool!** has the tools and experience to show you why airplanes fly, what pilots need to know about navigation and weather, and the history behind the tool that changed the face of the world in the 20<sup>th</sup> century.

Flying's Cool! is run by Thomas Perry. He has a Master's degree in Mechanical Engineering, has been studying aircraft, their history and engineering, and flying since he was a young child, and is currently a private pilot with over 10 years and 200 hours of flying experience. He has been using computers and flight simulators for 20 years, and has created and released several scenery add-ons for Microsoft Flight Simulator for public use.

"Education is not the filling of a bucket, but the lighting of a fire." - W.B. Yeats



# Flying's Cool!

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www.flyingscool.com

Providing programs and support for schools and community outreach programs to educate by introducing children and adults to flying in the comfort of a classroom

# Flying's Cool!

Ever wondered what it's like to fly an airplane?

Ever wondered what pilots need to know to get from one place to another?

Attend Flying's Cool! and see.

With the help of an enhanced state of the art flight simulator complete with detailed systems, weather, and controls similar to what you would use in a real airplane, you'll see what it's like to take off, navigate to another airport and land, and whatever you want to do in between. You'll use the same tools pilots do to plan your flights and you'll learn how to navigate from one place to another.

#### Services

- •Educational Enrichment Programs for Schools
- Community Outreach Classes
- •Birthday Parties, Scouts, other events
- •Microsoft Flight Simulator (MSFS) Enhancement Support
- Airport Tours



#### www.flyingscool.com

### **Community Outreach**

Community Outreach classes are offered in Groton, MA and surrounding towns. Typical sessions include 5 or more classes lasting 1 to 2 hours each with class sizes of 6-8 students/hour. Each session includes instruction in the basics of how airplanes fly, how to control an airplane, navigation, and flight planning concepts, and then the students apply those concepts to learn to fly an airplane on an enhanced flight simulator. Find the class nearest you on the calendar at our website at:

www.flyingscool.com

## **Enrichment Programs**

Enrichment programs are offered for schools and other organizations. Available programs cover many topics directly linked to the Massachusetts Curriculum frameworks, covering subjects including Science and Technology, History, Mathematics, and Social Science. Programs are available for grades 1 through 12, with varying levels of detail depending on the age group, can be run for small or large groups, and can be tailored depending on the needs and desires of the school or other organization.

The point is to excite children to learn through the concept of flight by bringing it into the classroom, and to link that learning experience to what they are being taught in the classroom.

# **MSFS Support**

Thanks to its extensible architecture, a huge base of payware and freeware addons' has been developed for Microsoft Flight Simulator. If you already own a copy, and want to know more about how to use the program or are confused about which addons are right for you, Flying'sCool! can help. Check out our website and give us a call.



**Navigation Engineering** 





Fly!









