



FT STEM is the gateway to the world of flight. Our K-12 curriculum teaches science, technology, engineering and math (STEM) principles through hands-on aircraft activities. FT STEM stresses critical 21st-century skills such as communication and teamwork developed through engineering and design thinking strategies. The world of radio-controlled (R/C) flight teaches valuable lessons that generate excitement, innovation and creativity, empowering students to reach new heights in their learning.

Over 1,500 enrolled FT STEM students utilize our engineering design model that blends all four STEM content areas into one, building skills needed for real-world problem solving.



DESIGN THINKING

Over 600 enrolled FT STEM Teachers have access to an interactive Online hangar that provides the ability to create and manage unlimited classrooms and students, as well as grade level lessons and a lesson developer to create their own.



ONLINE RESOURCES



CURRICULUM

FT STEM provides FREE four sets of combined grade level appropriate curriculum overviews that communicates suggested unit - lesson implementation, associated National STEM Standards, and Flite Test products to help guide and support future class planning opportunities for educators. We are proud to announce that the FT STEM curriculum is being used not only in the USA, but in Germany, Australia, and other countries due to the curriculum's main standard adoption, ISTE (International Society for Technology in Education). Try FT STEM for FREE today by going to www.ftstem.com.



HIGH SCHOOL



MIDDLE SCHOOL



UPPER ELEMENTARY



LOWER ELEMENTARY

Connect with us



CURRICULUM SUPPLIES



The Flite Test product line integrates easily within the FT STEM curriculum. Enrolled teachers receive 30% off DIY airplanes, multirotors and curriculum accessories. When students push further into the curriculum, teachers will have access to 20% off all electronics to accommodate their students' design needs.

TESTIMONIALS



"FT STEM curriculum and the Online Student Hangar has been a fantastic tool for connecting students in our home-school community with the Flite Test lessons and resources we need for our various scratch-build aviation projects. The way the FT STEM lessons are organized and sequenced makes the STEM principles very approachable for students. I wish I would have discovered FT STEM sooner!"

Trevor Sill
STEM Teacher
Classical Conversations Program



"The FT STEM program has done so much for me in the past years. This program is what has driven me to pursue aerospace engineering. Beginning with the middle school program, and now finishing with the high school program has been so much fun. The opportunities I have been given from FT STEM have been ones I will never forget. From helping kids build their own planes, to being invited to a police/SWAT training for my senior project. It has prepared me for college level engineering classes."

Danny Liebert
Former FT STEM Student
Aerospace Engineering Undergraduate at the
University of Colorado Boulder



"FT STEM allowed me to see how we can bring the most advanced technologies and sciences, and simplify it to something that younger kids can learn about math, physics, and forms of engineering, as well as leadership skills, such as teaching someone to fly or build. Building foam airplanes also taught me that everything takes practice, and time to learn. The growth from my first plane to my next taught me to keep at what you love to do, no matter how many failures you encounter. FT STEM taught me that failure doesn't mean the end, just another opportunity to improve and learn."

Scott Bragg
Former FT STEM Student
Embry Riddle Aeronautical University Graduate

