

STEM Products



Project EZ: First Flyers

Grades
K-12

Subjects:
Physical Science
Engineering Design
Technology

This STEM Complete Pack is the perfect way to enter the world of flight! Engage in crafting, powering, and flying THREE different aircraft with easy-to-follow, step-by-step guides at home or with our standards-based curriculum in your classroom.

Includes:

- 3 Plane Build Kits
- 3 Power Kits (remote controller, electronics, LED light strips)
- Printed Curriculum: Instructor Class Guide, Step-by-step Guide, Student papers
- Build Videos

Features:

- Easy to build and fly
- 3 distinct plane configurations: Vee, Canard & Plank
- Flown either as gliders or remote controlled flight.
- Refill Kits available



Drone Discovery Kit

Grades
6-12

Subjects:
Physical Science
Engineering Design
Technology

This comprehensive package includes everything needed to take students from their first flight to becoming skilled racing pilots. Training begins in a flight simulator, where they master basic controls and build confidence in a risk-free environment before transitioning to a safe to fly racing micro-drone, for hands-on experience. As their skills improve, they advance to precision flying and master advanced maneuvers using the included track course and First Person View (FPV) goggles.

Includes:

- High-Performance Micro Drone – Mobula 6
- First-Person View (FPV) Goggles – Emax Transporter 2
- Controller – RadioMaster Pocket
- Flight Simulator – LiftOff Micro Drone Simulator, FliteTest STEM Edition
- Challenge Course Build Kit – For high precision, competitive racing
- Curriculum & Learning Materials – Printed curriculum with an engineering design digital download
- Step-by-step videos

Features:

- Safe & Educational – Built for safety with comprehensive instructions.
- Complete educational journey - from beginner to skilled pilot.
- Exciting & Competitive – High-speed racing that sharpens precision skills
- Future-Ready – Develops engineering, aviation, and UAV expertise..
- Team Building – Encourages competition, problem-solving, and teamwork.



Airfoil Gliders (2 pack)

Grades
K-12

Subjects:
Physical Science
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Technology

Two simple designs to be built and flown with ease while introducing the concepts of dihedral and polyhedral wings, airfoils, and control surfaces. A great introduction to the build techniques found in more complex model aircraft models.

Includes:

- 2 Plane Build Kits: the FT Sparrow and the FT Wonder Glider
- Curriculum & Learning Materials – Printed curriculum with an engineering design digital download

Features:

- Adjustable control surfaces on the tail to learn how they affect the flight characteristics
- Wingspan: 28"



Mini Venture Glider Bulk Pack

Grades
1-3

Subjects:
Physical Science
Engineering Design

The FT Mini Venture Glider is the perfect first step into this hobby with your lower elementary students.

Includes:

- 48/120 Mini Venture Chuck Gliders
- Glue dots and nose weight
- FT Marker Pack

Features:

- No tools required: can be built quickly without hot glue or knives
- Learn the basics of DIY scratch build aviation
- 48 or 120 gliders bundles available

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Grades
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6-12

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Technology

DRONE DISCOVERY KIT

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