

EDUCATOR GUIDE



PLANE FUN
Field Trips
Outreach
Professional
Development
Afterschool



LONE STAR
FLIGHT MUSEUM
HOUSTON, TEXAS

lonestarflight.org



FLIGHT PATH FOR FIELDTRIP FUN



FIELD TRIP ACTIVITY GUIDES

Incorporate activities into your classroom curriculum before and after your field trip! LSFM has field trip activity guides for science, math, social studies and language arts (grades K-12) available for download at LoneStarFlight.org.

PLANE FUN FIELD TRIPS

Fly high with interactive experiences in our Aviation Learning Center. Take a hangar tour focused on aviation innovations and innovators across history and learn through play in our Flight Academy.

OPTION 1 - \$8/STUDENT*

INTRODUCTION TO AVIATION (MUSEUM TOUR) GRADES K-12

- A guided tour through two hangars of historic planes
- Hands-On Flight Academy exhibits
- Tour of the Aviation Heritage Gallery and the Texas Aviation Hall of Fame

OPTION 2 - \$10/STUDENT*

AVIATION EXPLORATION (MUSEUM TOUR + CLASSROOM EXPERIENCE) GRADES K-8

- Everything in Option 1
- A classroom experience: choose from either Aviation STEM or Aviation History

OPTION 3 - \$12/STUDENT*

PILOT EXPERIENCE GRADES 4-9

- A guided tour through two hangars of historic planes
- Hands-On Flight Academy exhibits
- Aviation Learning Center pre-flight aircraft inspection and pilot a flight simulator

OPTION 4 - \$12/STUDENT*

FLIGHT TRAINING GRADES 7-12

- A guided tour through two hangars of historic planes
- Aviation Learning Center pre-flight aircraft inspection and pilot a flight simulator
- *Learning Lab STEM Fundamentals of Flight*

*Discounts available for Title I schools - email reservations@lonestarflight.org or call (346)352-7658 for more information.



FLIGHT PATHS



ESSENTIAL KNOWLEDGE AND SKILLS

OPTION 1 - \$8/STUDENT*

INTRODUCTION TO AVIATION

	GRADE 1-5	GRADE 6-8	GRADE 9-12
Earth & Space Science	✓	✓	✓
English	✓	✓	✓
Geography			
History		✓	✓
Mathematics	✓		
Physical Science	✓	✓	✓
Social Studies	✓	✓	
Technology Applications			

OPTION 3 - \$12/STUDENT*

PILOT EXPERIENCE

	GRADE 1-5	GRADE 6-8	GRADE 9-12
Earth & Space Science	✓	✓	✓
English	✓	✓	✓
Geography	✓	✓	✓
History		✓	✓
Mathematics		✓	✓
Physical Science	✓	✓	✓
Social Studies	✓		
Technology Applications	✓	✓	✓

OPTION 2 - \$10/STUDENT*

AVIATION EXPLORATION

	GRADE 1-5	GRADE 6-8	GRADE 9-12
Earth & Space Science	✓	✓	✓
English	✓	✓	✓
Geography			
History	✓	✓	✓
Mathematics	✓		
Physical Science	✓	✓	✓
Social Studies	✓	✓	
Technology Applications		✓	✓

OPTION 4 - \$12/STUDENT*

FLIGHT TRAINING

	GRADE 1-5	GRADE 6-8	GRADE 9-12
Earth & Space Science		✓	✓
English		✓	✓
Geography		✓	✓
History		✓	✓
Mathematics		✓	✓
Physical Science		✓	✓
Social Studies		✓	✓
Technology Applications		✓	✓

*All chaperones are \$10 per person. One chaperone per 10 students required.

PROFESSIONAL LEARNING

Lone Star Flight Museum offers Texas Education Agency approved professional development workshops for educators that connect traditional STEM concepts through the lens of aviation. Workshops are on demand, contact us to schedule one today.



BEYOND THE CLASSROOM

SCOUTS

Earn merit badges and patches during workshops and bring to life endless possibilities of a future in aviation. LSFM offers the following: Girl Scouts Discover Aviation patch and Scouting America badge workshops for Aviation, Weather, American Heritage, Electronics, Space Exploration, Engineering, Robotics, Chemistry and Radio.

MUSEUM OVERNIGHTS

Youth groups - pack your pillows and sleep with the Warbirds. Share a pizza party dinner, inspect an aircraft, test your pilot skills in flight simulators and have a STEMtastic night at the museum.

AMBASSADORS

Our youth volunteer program (ages 13-17) encourages social and interpersonal development, critical thinking, and skill-building through Ambassador led STEM demonstrations, program assistance and connecting with career experts.

CADET PROGRAMS

JROTC, Civil Air Patrol and similar groups focus on military aviation heritage and a pilot experience with a historical reenactor.



OUTREACH AVAILABLE

Outreach opportunities are available, contact us for details.

SIGN UP FOR A PROGRAM

lonestarflight.org/learn
reservations@lonestarflight.org
(346) 352-7658



LONESTARFLIGHT.ORG

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