

Military Aviation Museum



# Homeschool Group

# Field Trip

Information Kit





# Thank you!

## For thinking of The Military Aviation Museum for your Field Trip!

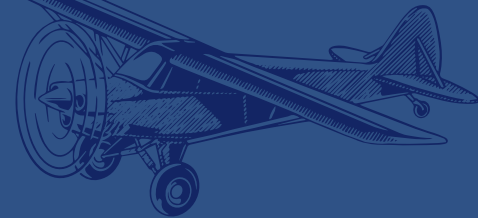
Imagine a day where science and social studies come alive amidst the fascinating world of aviation history. At the Military Aviation Museum, we are committed to delivering engaging and tailored programs that not only meet your learning objectives but also leave a lasting impact on your students.

Whether you're aiming to integrate STEM principles into your curriculum or have a specific custom program in mind, the Military Aviation Museum offers a captivating backdrop where students can explore the wonders of aviation, making learning an immersive and memorable adventure.

Should you have any questions or concerns, please don't hesitate to reach out directly.

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**Aileen Wilson**  
Education Coordinator



### Contact

**Phone**     (757) 721-7767  
**Website**   www.militaryaviationmuseum.org  
**Email**       education@aviationmuseum.us  
**Address**   1341 Princess Anne Road, Virginia Beach, VA 23457



# Field Trip Basics

## Requirements

- Belong to an educational homeschool organization in grades Pre K-12
- Visit us Monday-Friday, 9 am-5 pm
- Tickets are not available for purchase at the Museum and must be reserved in advance. To receive the discounted Homeschool Visit admission rate, families must request tickets in advance through the form on this page. Home School admission rate only valid for families that are actively homeschooling their children, not for additional friends or relatives.
- Have a minimum of 10 youth within the identified grade levels for your chosen tour/lab
- Chaperones must be 21 years or older
- Make reservations 30 days in advance
- You must register student groups for all activities and experiences during the registration process.
- Please arrive on time to avoid an abbreviated experience for your children.

# Field Trip Pricing

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## Youth Tour

\$8.00 plus tax per youth

## Add-on STEM Learning Labs

\$5.00 per student

## Group Leader/Coordinator

Free

## Parents/Chaperones

\$15.00 plus tax per individual

Payment due upon arrival. Invoices available upon request. Payment accepted: check, all major credit cards, or cash. Homeschool Visit rates are full discounted. No coupons or membership discounts apply.



# Field Trip Basics

## Sample Schedule

**10:00 – 10 :15**

Arrival, check-in

**10:15 – 10:50**

Tour of World War I

**10:50–11:30**

Tour of World War II

**11:30 – 12:00**

Lunch Break

**12:00 – 12:45**

STEM Activity (optional)

**12:45 –1:00**

Explore/Gift Shop

**1:00**

Load Buses and Departure

(These are all estimated times.  
Beginning and end times can be  
adjusted to every scheduling need)



# Field Trip Tours



## Hanger Tours

**60 – 120 Minutes | Any Grade**

A version of the general tour offered to Museum guests, tailored with age appropriate content for your school group. This private tour features a selection of WWI, WWII, and Korean era planes, as well as hangars and structures around the Museum airfield.

**Some of the SOLs that can be addressed by this tour include Social Studies:** K.1, K.2, K.3, 2.1, 3.1, USII.1, USII.5, USII.7, WHII.1, WHII.10, WHII.11, VUS.1, VUS.11

## Specialty Tour

**Custom | Any Grade**

Looking for an interesting way to introduce a unit? Searching for a memorable review of material examined earlier in the year? We will work with you to create a customized tour. Whether you wish to cover math, science, English, or history, our professional educators will partner with you to create a customized tailored individualized experience. Your students will discover everything from the Art of Aviation, and Aerodynamics as well as crafting tour experiences to look at the Russian Revolution and other facets of world history. We want to personalize your experience to meet your curriculum needs. Contact us and we will begin planning your journey into the past.

# Add-On to Your Tour Experience with A STEM Learning Lab

Add-On to your tour experience with a Hands-on learning opportunity led by Museum staff. Designed for students of all ages, these Learning Labs give you the flexibility to tailor your experience at the Museum with focus areas like Cryptology, Aerodynamics and the Forces of Flight. Groups may choose up to two (2) Learning Labs, and can be based on student age/grades or interest levels.



## Will It Fly?

**60 – 75 minutes | Grades K-5**

Master the forces of flight through a series of experiments that demonstrate how planes fly through the air. Activities include making and testing airfoils in a wind tunnel experiment, testing thrust and drag, and creating paper airplanes to test in various experiments.

**VSOLs:** Science: 1.1, 1.2, 2.1, 3.1, 3.2, 4.1, 4.2, 5.1, PH.3, PH.5, PH.6

## Parachute Palooza

**60 – 75 minutes | Grades K-5**

Explore the impact of weight, gravity, and drag in a race to design a parachute to safely help a paratrooper land on the ground. Students will work through the engineering and design process to create and test a successful parachute prototype.

**VSOLs: Science:** PH.1, PH.3, PH.4, PH.5, PH.6, 5.1, 6.1, 6.2





## Aeronautical Engineering

**75 – 90 minutes | Grades 3–12**

Does wing shape and size impact flight? Students become aeronautical engineers as they work through the engineering process to answer these questions as they design their own foam glider to test in various experiments.

**VSOLs:** Science: 6.1, 6.2, PH.1, PH.3, PH.5, PH.6



## Code Breaker

**75 – 120 minutes | Grades 5–12**

Students learn how to be World War II cryptologists by solving various ciphers, and learning secret codes. They will analyze the inner workings of the Enigma Machine and learn Morse Code.

**VSOLs:** English: 5.1, 6.1, 6.3, 7.1, 7.3, 8.1, 8.3, 10.1, 11.1, 12.1 Social Studies: VUS.1, VUS.11, WHII.1, WHII.10, WHII.11

## Can Dinosaurs Fly?

**30 Minutes | Grades K–3**

Students experiment with camouflage design to assist in learning the importance of blending into their habitat. Discover dinosaur and plant fossils in a fossil dig that develops skills in understanding living systems on Earth. Students design their own fossil to take home and share with their families.

**VSOLs:** Science: K-1, K-6, K-7, 1.1, 1.5, 2.1, 2.5, 3.1, 3.5





## Lunch

Groups that would like to eat lunch at the Museum must register for a lunch time when you register for a Homeschool Visit.

Groups must bring their own lunches, as there is no food available for purchase at the museum. Museum staff will collect your group's lunches when you arrive and set lunches out at your assigned lunch time. (Coats can also be stored for groups who pre-register to have lunch. Backpacks are not considered "lunch bags" and cannot be stored.)

All food must be cleaned up and disposed of properly. Trash cans will be made available.

# Field Trip Checklist

For your convenience, listed below is a checklist of the items you will need to submit and/or provide for your Field Trip. If you have any questions, please contact the Education Coordinator at [education@aviationmuseum.us](mailto:education@aviationmuseum.us) or (757) 721-7767.

- Identify what dates you'd like to visit the museum
- Pick which tour or activities your group will participate in.
- Email the Reservation form 30 days before program date.  
Instructions for the agreement:
  - Carefully read the agreement.
  - Fill in the required information on the Reservation Form

# RESERVATION FORM

Complete the form below to book a Homeschool Group Visit.



## Group's Information

Group's Name :

City / Country :  State / Zipcode :

Date of Trip :  Time :

Grade Level(s) :  No. of Students :

No. of Parents/Chaperones :

Tour Only :  General  Self-Guided

Special Tour :

STEM Learning Lab (Optional) :  Will it Fly?  Parachute Palooza  Aeronautical Eng.  Code Breakers  
 It's Made of Armor!  Dinosaurs

Lunch at the Museum :  Yes  No

Any accommodations or concerns :

## Coordinator's Information

Name :  Phone :

E-Mail :

**I have read the information listed on this contract.  
The date, time, and other details are correct.**

Signature  Date

## Official use Only

Date of Booking :  Total :  Initial :