

National Aviation Month & Day Resources

After hours of research, we have created this list of resources for National Aviation Month. Next to developing educational materials, I absolutely love researching online to find no-cost or low-cost resources to help our children and teens learn about anything STEM-related.

Many of the aviation month resources below can be used with multiple ages.

It was so much fun collecting this list and watching several hours of video and viewing many images and documents. I know I could have asked AI to compile a list for me, but conducting a more thorough vetting of sites and links was enjoyable! It's the thrill of the hunt.

Please note, the listed links were functioning as of July 31, 2026.

I hope you are inspired to enjoy an aviation study with your children.

Other aviation-related days

- April 26 – World Pilot's Day
- May 26 – National Paper Airplane Day
- August 19 -National Aviation Day, birthday of Orville Wright
- Week of August 18 – National Aviation Week
- October 20 - International Air Traffic Controllers' Day
- November – National Aviation Month
- December 17 – First powered flight, Wright Brothers

Aviation-Related Resources

- The following are probably best for grades 5th-6th and higher. He explains drag, thrust, and lift in an easily understood way and then shares simple folding designs.
- [Aerodynamics Explained by a World Record Paper Airplane Designer | Level Up | WIRED](#)
- John Collins folds some paper airplanes [How This Guy Folds and Flies World Record Paper Airplanes | WIRED](#)
- [How to Fold the 'Tube' Paper Airplane | WIRED YouTube](#)
- [List of aviation-related museums in the United States](#) This is a goldmine of field trips or family vacation ideas!

On the museum sites, you will find a wealth of educator resources.

Museum virtual tours:

- [The United States Army Aviation Museum virtual tour link is here.](#)
- [Take a virtual tour of the National Air and Space Museum](#)
- [Aviation Lessons from the National Park Service](#) – On this page, click on the titles. For example, click on Who Were the Wright Brothers?
- [Levitating Ping Pong Balls lesson and activity](#)
- [The Shenandoah Valley Airport](#) has a list of resources, including an interesting one to Redbird Virtual STEM Lab.
- Check out Redbirds lessons for middle and high school. [This is an intro video. If you have a middle or high school student interested in aviation, this might be a good resource!](#)
- [The FAA, of course, has a great list of aviation resources for all ages.](#) (You just might get lost for hours checking it all out.)

Here are a few of the links on the FAA site, that I thought were interesting:

- Learn the parts of an airplane PDF [K-12 Main Parts of an Airplane.pdf](#)
- [Aviation science activities for elementary grades](#) – this looks like an older PDF, but it does have lots of hands-on ideas.
- There are several excellent options for middle school and high school aviation curriculum at this link.
- [A comprehensive timeline of aviation history from the American Institute of Aeronautics and Astronautics](#)
- [Coast Guard Aviation History](#)
- [Aeronautics Aviation Guide from NASA](#) – PDF. Use with grades 7-12.
- [Aviation Mini-Course for Grades 2-5 from the Experimental Aircraft Association](#) – PDF. Covers The Four Forces of Flight 2. Thrust 3. Weight 4. Drag 5. Lift 6. The Main Parts of a Plane 7. Business Aviation: An Extension of General Aviation 8. Additional Aviation Projects 9. Aviation Terms
- [What is an Aerospace Engineer](#) from EngineerKids.org – Information and a fun “[Dock a Spaceship](#)” activity (opens a PDF) that is easy and low-cost.
- [Lessons from the National Museum of the Pacific War](#) (PDF). We have visited this museum in Fredericksburg, TX, and it is phenomenal. If you are in the area and studying World War II, this is definitely worth a visit.
- [Fun with Bernoulli lesson and activity from TeachEngineering.org](#)
- [May the Force Be With You from TeachEngineering.org](#)

Coloring Pages

- [Airplane coloring pages from NASA](#)
- [Coloring pages from the MAPS Museum in North Canton, Ohio.](#)

Videos

- [The Brilliant Engineering of First Flight](#), video from Sabin Engineering
- [How Bees Influence Aviation](#) from PBS – 28-minute video
- [Simple explanation of how helicopter controls work](#) - from PBS – video
- [The History of Airline Food](#) from the National Air and Space Museum(YouTube)
- How to Planes Work - For younger children, YouTube
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Online games:

This looks like it would be for elementary, but older students might enjoy it. This is from the National Air and Space Museum. There is a gears game that definitely looks like older students might enjoy it [Pilot Pals | Pioneers of Flight](#) (Parents, it does ask them to input their name, but there is a SKIP button.)

Two paper airplane games from Engineering.com. There are other games, so if gaming is a concern, you might want to skip this link.

[Paper Flight 1](#)

[Paper Flight 2](#)

Biographies:

- [Wright Brothers biography from CBS Sunday Morning YouTube](#)
- [Louis Bleriot](#)
- [Interview with Joe Wilding, a co-founder of Boom Supersonic](#) (Which is building a very large facility in our area – Greensboro, NC.)
- [Purdue Library of Amelia Earhart Collection](#)
- [Bessie Coleman](#)
- [Ruth Law Thrills a Nation](#) – a Reading Rainbow book – elementary grades
- [Harriet Quimby](#)
- [Alys McKey Bryant and Bernetta Miller](#)
- [5 American Aviators Who Shaped How We Fly](#) from Redbird Flight
- [51 Heroes and Heroines in Aviation History](#)and uses planes in their operations?

National Park websites that have videos, online galleries, etc., to enrich your aviation study: [Wright Brothers National Memorial](#). Living in NC, we have visited this site on several occasions. An interesting, fun fact: the area in which the memorial is located is also home to the largest population of black bears in the world. If you visit, be sure to check out the NC Aquarium in Manteo. Also, head north to learn about the wild horses around Corolla. This area of North Carolina is also where the largest population of Tundra Swans migrates each winter.

[Tuskegee Airmen National Historic Site in Alabama](#)

[Dayton Aviation Heritage National Historic Park](#)

[National Historic Landmarks related to aviation](#) in and around Dayton, Ohio.

[Fort Vancouver National Historic Site](#)

[First Transpolar Flight from Fort Vancouver](#)

Did you know the [National Park System has an aviation program](#) and uses planes in their operations?

If you have a child who is extremely interested in aviation and wants to one day earn a pilot's license, check out the Young Eagles website. Their mission is to introduce and inspire kids in the world of aviation. [Free Young Eagles Flights | EAA](#)