

Start with a Book: Read. Talk. Explore.



DIY Science Camp: Flight



Day 1



Paper Hoop Flyer

Can an airplane without wings really fly? Test your answer with this “loopy” model.

Books to read together:

- Air Show!
- Flying Machine
- Fly High: The Story of Bessie Coleman

Day 2



Paper Airplane Launcher

Take paper airplanes to a whole new level! Test different designs to see which ones fly the furthest.

Books to read together:

- Wind Flyers
- Kids' Paper Airplane Book

Field trip

- Watch planes take off and land at your local airport or airfield!

Day 3



Roto Copter

This simple paper toy spins through the air like a mini-helicopter.

Books to read together:

- The Adventures of Sparrow Boy
- The Fabulous Flying Machines of Alberto Santos-Dumont

Write it!

- World Without Flight comic book



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Day 4



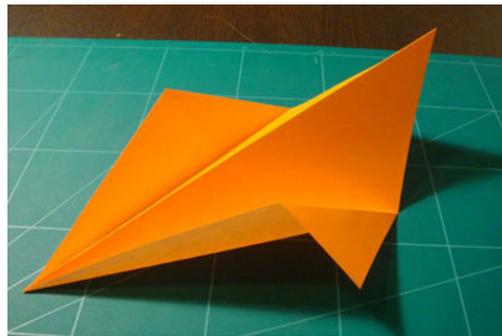
Indoor Boomerang

Design and decorate your own awesome flyer. Do they really turn around and come back?

Books to read together:

- Zephyr Takes Flight
- Flying Machines

Day 5



Devil's Kite

This traditional Turkish kite, called Seytan Ucurtmasi, is easy to make, and it really flies!

Books to read together:

- Kite Flying
- Flight: A Pop-Up Book of Aircraft

Day 6



Soda-Powered Rockets

It's the old Coke + Mentos-powered geyser, with a twist — a paper rocketship ready for launch!

Books to read together:

- Mousetronaut
- Look to the Stars

Write it!

- Mars Travel Brochure



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Find lots more activities + fiction & nonfiction booklists + cool apps and websites at www.startwithabook.org

Fiction Books

Abuela by Arthur Dorros
The Adventures of Sparrowboy by Brian Pinkney
Air Show by Treat Williams
Amelia and Eleanor Go for a Ride by Pam Muñoz Ryan
Give Me Wings by Lee Bennett Hopkins
Kite Flying by Grace Lin
Owly: Flying Lessons by Andy Runton
Tar Beach by Faith Ringgold
The Wing Shop by Elvira Woodruff
Wings by Christopher Myers
Wings by Jane Yolen
Zephyr Takes Flight by Steve Light

Nonfiction Books

Flight: A Pop-Up Book of Aircraft by Robert Crowther
Flight (Time-Life Books) by Donald S. Lopez
Flight: The Journey of Charles Lindbergh by Robert Burleigh
Fly High! The Story of Bessie Coleman by Louise Borden
Flying Machine (Eyewitness Books) by Andrew Nahum
Flying Machines by Nick Arnold
Kids' Paper Airplane Book by Ken Blackburn
Look to the Stars by Buzz Aldrin
The Smithsonian National Air and Space Museum Book of Flight
by Judith E. Rinard
Wind Flyers by Angela Johnson
The World of Flight by Ian Graham
The Wright Brothers: How They Invented the Airplane
by Russell Freedman

