

# Start with a Book: Read. Talk. Explore.



## DIY Science Camp: Flight



### Day 1



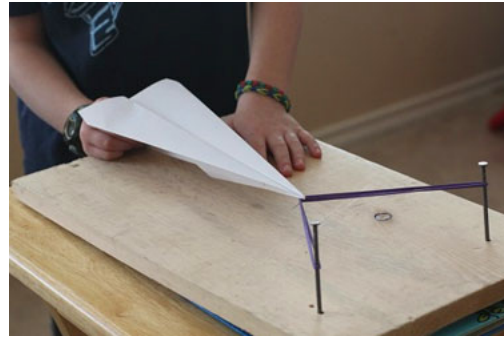
#### Paper Hoop Flyer

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](http://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

