

DISCOVER

Concepts

Invention, design, innovation,
Forces: lift, weight,
thrust, drag

Key Questions

How does it fly? What makes an
airplane fly? How does a
spacecraft stay in orbit? Why
does a balloon float in the air?
How do wings work? How do
birds fly? Why can't we fly like
birds? How do you make a flying
machine?

Take Flight!

Key texts:

Leonardo and the flying boy

– Lawrence Anholt

Flying Free: How Bessie

Coleman's dreams

took flight– Karyn Parsons

Amelia Earhart– Ma Isabel
Sanchez Vegara

Mae Jemison– Mary Nhin

Science

Everyday materials and Forces
To identify and name a variety
of materials and describe the
properties of materials
To identify forces

History

To learn about the lives of
significant adults in the
past
To learn about significant
events in the past

And wherever the journey takes us ...