

EXPLORE

Take flight!

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?

Key focus, vocabulary and ideas:

invention, design, innovation, 4 Forces:
Lift, weight, thrust, drag

History

We will learn about the lives of significant adults and events in the past.

Science

We will explore everyday materials and identify forces.

We will identify and name a variety of materials and describe their properties.

Key texts

Leonardo and the Flying Boy by Lawrence Anholt 2016
Flying Free: How Bessie Coleman's Dreams Took Flight by Karyn Parsons (2020)
Mae Jemison by Mary Nhin (2020)
Amelia Earhart by Ma Isabel Sanchez Vegara (2016)
Taking Flight: How the Wright Brothers Conquered the Skies by Adam Hancher (2018)

And wherever our journey takes us...