

Knowledge Organiser: The First Flight

History Year 2 Term 2.1

What should I already know?

The names of different types of air transport for example, aeroplane, helicopter, hot air balloon, space shuttle, rocket and airship.

That Florence Nightingale was a famous nurse who was alive during the time of the First Flight. She was born in 1820 and died in 1910.

That the Great Fire of London happened on 2nd September 1666. It started in a baker's shop on Pudding Lane and spread quickly.

Important Topic Vocabulary

national This relates to what is happening in a whole country rather than a part of it.

international This involves what is happening in other countries around the world.

significant This is something that is important that can result in change.

solo This is something done by one person alone.

evidence This is something that gives a reason to believe something is true.

source This is a place where information can come from.

succeed This means achieving something after a long effort.

glider A glider is an aircraft that flies without the use of an engine.

invent If you invent something you are the first person to achieve or make something.

manned Is a type of transport a person can operate.

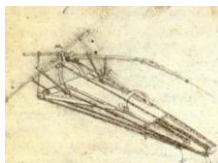
Wonderful Websites

<https://www.bbc.co.uk/teach/class-clips-video/pshe-ks1-ks2-proud-to-be-a-pilot/zdqtscw>

<https://www.bbc.co.uk/bitesize/clips/z82xpv4>

<https://www.funkidslive.com/learn/amys-aviation/british-aeronautics/meeting-amy-johnson-worlds-famous-woman-pilot/&>

Significant developments in flight



In **1485**, Leonardo da Vinci designed an ornithopter. This was a machine that would fly by flapping its wings.



In **1783**, the Montgolfier brothers invented the hot air balloon.



In **1903**, the Wright brothers became the first people to successfully fly an aeroplane.



In **1939**, the first helicopter flew.



In **1961**, the first manned flight into space took place.

The Wright Brothers

1. Orville and Wilbur Wright were two brothers born in Ohio in the United States of America. Wilbur was born in 1867 and Orville was born in 1871.
2. As children, the Wright brothers were given a toy helicopter by their father which worked by pulling an elastic band. This first started their interest in flying.
3. When they became adults, they set up their own shop repairing and selling bicycles.
4. The Wright brothers used the money from their shop to design and make their own gliders.
5. During 1902 and 1903, Wilbur and Orville designed a light engine that was strong enough to power a small aeroplane.
6. On 17th December 1903, Wilbur Wright became the first person to successfully fly a plane. The plane flew for 57 seconds. This happened in Kitty Hawk, North Carolina.



Orville Wright



Wilbur Wright



Amy Johnson

Amy Johnson

1. Amy Johnson was born on 1st July 1903 in Hull, England.
2. As an adult, she moved to London where she worked as a secretary.
3. She had an interest in flying and joined the London Aeroplane Club where she took flying lessons. She also learnt how to fix planes.
4. Amy Johnson wanted to prove that women could also fly planes not just men.
5. Her father gave her the money so that she could buy her own aeroplane.
6. On 5th May 1930, Amy Johnson flew from Croydon in England to Darwin, Australia. She landed in Australia on 24th May 1930.
7. Amy Johnson was the first woman to fly solo to Australia.

Brilliant Books



Taking Flight: How the Wright Brothers conquered the skies by Adam Hanchen



Wright Brothers' First Flight: A Fly on the Wall History by Thomas Kingsley Troupe.



Little Wings: The story of Amy Johnson by F J Beerling and Gareth Dowler

Place to Visit

Go to the **Air and Transport hall** at the **Museum of Science and Industry** where you can look at how air transport has changed over time.