

# Manor Primary School Knowledge Organiser –KS1 History

## Topic: History of Air Travel

## Phase: KS1

## Strand: Events beyond living memory and significant individuals.

### What should I already know?

- Some differences between past and present in our own lives (houses and toys)
- That toys from long ago were made from metal or wood.
- To use words and phrases: old, new, now, then, yesterday
- Sequence events or items in chronological order
- That you can find out about the past by looking in books and pictures, listening to 'eyewitnesses' and reading stories

### At the end of the unit, I will be able to:

- Sequence aircraft in order of time, using words and phrases related to toys and the past
- Tell the difference between aircraft from the past and present by comparing and contrasting what life is like now and was in the past
- Use and find clues about the past from pictures and artefacts
- Find information about the past using different sources
- discuss where people and events fit on a timeline. To be able to describe significant events and where people and events fit on a timeline.

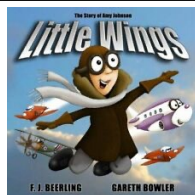
### Key Information

For many years, people experimented and attempted to travel by flight. Not all were successful. In 1783, the Montgolfier brothers were the first to travel in the air when they invented and successfully flew the hot air balloon in Paris.

Over one hundred years later, in 1903, the Wright brothers (Orville and Wilbur) invented and flew the first ever aeroplane. It took flight in Kitty Hawk (America) and it flew for just 12 seconds. A year later (1904), they invented a new aeroplane called the Flyer II which flew for 5 minutes.

There have been many changes to the history of flight, with different types of aircrafts being invented such as airliners, helicopters and space shuttles which have travelled into space! There have also been many changes to how and why people travel, with an increase in security at airports and the development of various roles of people that work there.

### Brilliant Books



Little Wings...The Story of Amy Johnson's greatest achievement, flying solo from England to Darwin, Australia.



The pioneering Wright brothers dared to dream of being the first men in the world to fly....



The Story of Amelia Earhart becoming the first female flier to fly solo across the Atlantic ocean.

### We are MANOR! As Historians we will ...

#### Manners

Share ideas, celebrate good work, value others' contributions, or discussions and debates.

#### Aspiration

Learn about the significance of aviation through the years, inventions and technology and how these ideas impact on our lives today. Develop our own aspiration by learning about achievements for Amy Johnson, The Wright Brothers and Amelia Earhart.

#### Nurture

Recognise about mutual respect and how to acknowledge the feelings of others from the past.

#### Open-Mindedness

Learn about the world around us, the people, lifestyles, stories about aviation in the past, see the world through sources of evidence and become independent thinkers.

#### Resilience

Understand how to make connections with the past and challenge ourselves to be persistent and learn more through research investigations which stimulate and motivate us.

# Significant Aviators

## The Wright Brothers

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.

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.

When they became adults, they set up their own shop repairing and selling bicycles.

The Wright brothers used the money from their shop to design and make their own gliders.

During 1902 and 1903, Wilbur and Orville designed a light engine that was strong enough to power a small aeroplane.

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.



## Amelia Earhart

Amelia Mary Earhart was born on the 24th July 1897 in Atchison, Kansas, United States. Amelia first flew in a plane when her father paid \$10 for a 10 minute flight with a well known sky racer called Frank Hawks. After this flight she realized that she wanted to become an aviator, more than anything. Amelia became only the second person after Charles Lindbergh to successfully fly across the Atlantic Ocean solo, and she received many awards.

After her successful transatlantic flight and many other flights around the United States, Amelia set her sights on becoming the first woman pilot to fly around the world.

In 1937, she mysteriously disappeared over the Pacific Ocean whilst attempting to fly around the world.



## Amy Johnson

Amy Johnson was born on 1st July 1903 in Hull, England. As an adult, she moved to London where she worked as a secretary.

She had an interest in flying and joined the London Aeroplane Club where she took flying lessons. She also learnt how to fix planes.

Amy Johnson wanted to prove that women could also fly planes not just men.

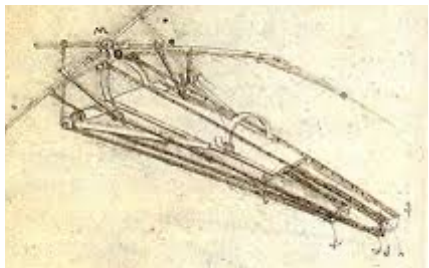
Her father gave her the money so that she could buy her own aeroplane.

On 5th May 1930, Amy Johnson flew from Croydon in England to Darwin, Australia. She landed in Australia on 24th May 1930.

Amy Johnson was the first woman to fly solo to Australia



# 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 airplane.



In 1939, the first helicopter flew.



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

History of Flight Quiz		
Question		Answer
1	Who were the first people to successfully fly an aircraft?	
2	Which aircraft was invented in 1783?	
3	Which aviator was the first to fly from England to Australia?	
4	What did the Wright Brothers do before they became aviators?	
5	Which book could I read to find out more about Amy Johnson's flying achievements?	

Vocabulary	
airplane	A flying machine with fixed wings
aircraft	A flying machine
aviation	The world of aircraft and air travel
cockpit	The small room or space where the pilot sits when flying the aircraft
flight	The journey through the air
engine	The machine that provides the power to help the aircraft fly.
aviator	The man or woman in charge of flying the aircraft also known as a pilot.
glider	A light aircraft designed to fly without an engine.