Coley Primary School – Knowledge Organiser

SUBJECT FOCUS:	History of Transport	YEAR 1	TERM 5/6

WHAT? – Key Knowledge

Thousands of years ago the only way for people to travel was to walk.

Canoes were one of the first human inventions in travel.

Over the centuries, humans have invented many different vehicles: boats, horse-drawn carriages, hot air balloons, bicycles, steam trains, cars, aeroplanes and space rockets.

Flying

Orville and Wilbur Wright invented the aeroplane that used an engine and carried a pilot.

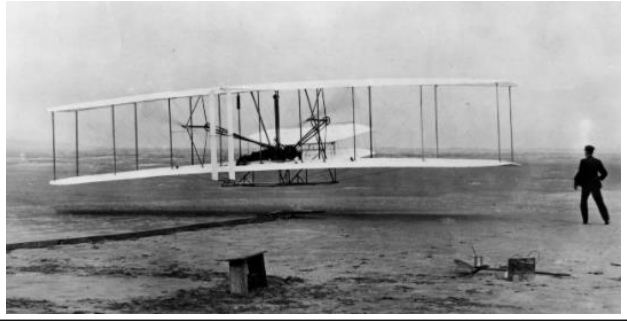


The Wright brothers first made and repaired bicycles.

They saw the ideas that other inventors had about flying and were very interested.

In **1899** they started to plan designs for their own aeroplane.

In **1903** Orville made the famous first flight. It took place in Kitty Hawk North Carolina.



WHAT? – Key vocabulary

Century – one hundred years

Engine - a machine with moving parts that powers something

Invention - something new

Journey - travelling from one place to another

Transport - to take people or goods from one place to another

Vehicle - a thing used for transporting people or goods

WHAT? – Time Line of Flight

1783 The first successful flight a hot air balloon.

1903 The first plane that flew with an engine and a human.

1936 The first helicopter was flown.

1939 The first jet engine plane.

1950s The first passenger jet engines were made.

1961 The first space flight – a Russian astronaut orbited the Earth.

1969 The first space rocket reaches the Moon.

1969 The first flight of Boeing 747 jet aeroplane.

1981 – 2011 The Space Shuttle programme.

Why Were the Wright Brothers so Important?

Many people had tried to fly but the Wright Brothers made the first aeroplane that could carry a person.

It proved that aeroplanes could fly and carry people.

Aeroplanes can travel long distances much faster than boats so people and goods can travel across the world much faster.

An aeroplane can travel from England to Australia in about 22 hours. To travel from England to Australia in a boat can take 40 days.

Possible experiences

Visit the Museum for Transport.
https://www.funkidslive.com/learn/amys-aviation/british-aeronautics/meeting-amy-johnson-worlds-famous-woman-pilot/#

Find out about the lives of Amy Johnson and Bessie Coleman.

Order first flights from hot air balloon to space shuttle on a time line – oldest to newest.

Find out about the Wright brothers and their first aeroplane.

Make a time line of different aeroplanes from 1903 to the present day.

Famous Pilots
Bessie Coleman



Bessie Coleman was born in 1892 in America.

She passed her pilot's licence in 1921.

She was the first black person to have a pilot's licence.

Flight schools in America were prejudice. Bessie wasn't allowed to fly because she a woman and she was black. So she travelled to France and learnt to fly there.

Bessie was a stunt pilot – she performed dangerous tricks in air shows.

She was called 'Queen Bessie' or 'Brave Bessie'.



Famous Pilots
Amy Johnson



Amy Johnson was born in England in 1903.

She passed her pilot's licence in 1929.

She was the first woman pilot to fly solo from England to Australia.

Amy's flight to Australia was so famous a song was written about her called 'Amy, Wonderful Amy'