

Year: 1



Term: Summer 2

The History of Flight

Enquiry Question: How has flight changed modern life?

Key Questions:

What is meant by the 'first flight?'

Who are some famous pilots?

What makes them significant?

How has air travel changed over time and what does it mean for us?

How can we know about the Wright Brothers flight when there's nobody alive now who saw it?

What are the advantages and disadvantages of flight?

Key Knowledge –By the end of this unit I will know:

Leonardo da Vinci **designed** the first flying machine in the 1480s, called the Ornithopter, but he did not ever manage to build it.

The first successful aeroplane flight was made in America by the Wright brothers in 1903.

Aircraft are used for many different reasons: to move people from place to place, to move goods from place to place, for entertainment, by the emergency services and military.

In addition to aeroplanes, other aircraft include helicopters, gliders, hot air balloons, fighter jets, biplanes, stunt planes, and even hovercrafts.

Modern Aeroplanes *are a result of continuous improvements* to the flyer

The significant stages in the development of human flight.

Amelia Earhart was the first female aviator to fly across the Atlantic Ocean in 1928.

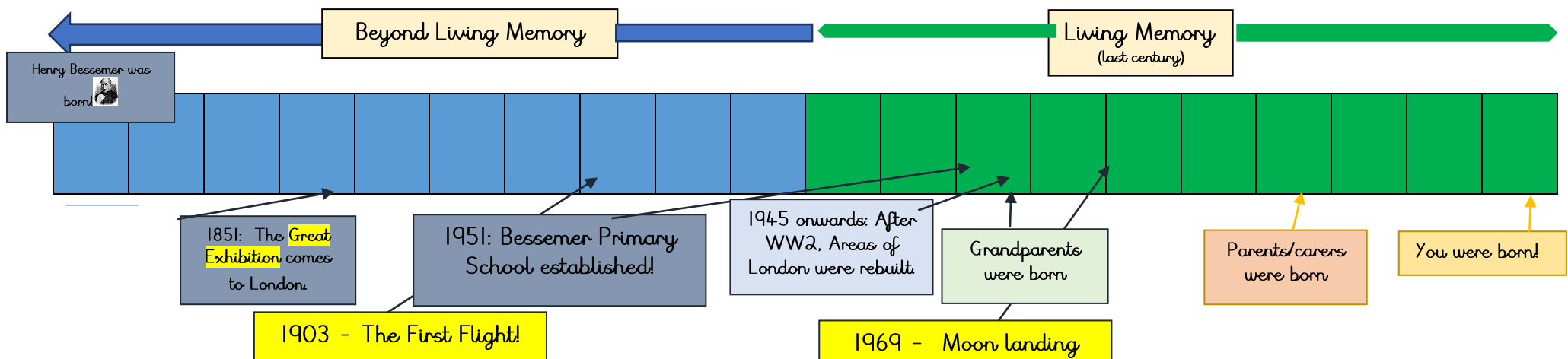
Bessie Coleman was the first black woman to become an aviator in the 1920s

Amy Johnson was the first woman to fly to Australia with no stops. She began her flight from Croydon airport in 1930!









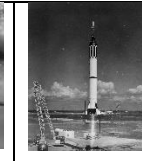
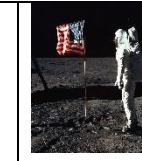



That improvements to designs happen over time.

Word bank:





after	before	100 century
differences	older	similar
different	timeline	change
flight	aviation	passenger planes
war planes	airport	fuselage
space travel	aeroplane	aviator
glider	human flight	rocket



Significant Events in Flight:

												
1903	1907	1916	1930	1930	1932	1939	1952	1961	1969	1969	2019	2021
First Powered Flight by the Wright Brothers	First Helicopter!	WWI monoplane	Amy Johnson flies solo to Australia	First jet engine made by Frank Whittle	Amelia Earhart's first non-stop transatlantic flight	First jet engine plane	First Jet airliner	Flight of the first cosmonaut in space	First space race to the moon	First turbo jet fan powered commercial	First electric aircraft flight	First Space Tourism flight

Significant People in Aviation:

			
<u>Wilbur and Orville Wright</u>	<u>Amelia Earhart</u>	<u>Amy Johnson</u>	<u>Bessie Coleman</u>
The Wright brothers' invention of the airplane, starting with the 1903 Wright Flyer, truly changed the world. Imagining what this new world would be like began as soon as the first airplanes took to the air in the early 1900s.	Amelia Earhart was a pioneer of aviation. She was the first woman to fly alone across the Atlantic Ocean . She disappeared during a flight in 1937 and was never found.	Amy Johnson was a pioneering aviator – the first woman to fly solo from England to Australia (5 May to 24 May 1930). This 11,000 mile journey across three continents, fraught with danger and drama, was the first of her several record-breaking world flights.	Bessie Coleman soared across the sky as the first woman of African American and Native American descent to earn her pilot's license in the U.S. Known for performing flying tricks, Coleman's nicknames were: "Brave Bessie," "Queen Bess," Her goal was to encourage women and African Americans to reach their dreams – and this became her legacy.

CLASSES : 1AJ and 1HE

Homework to be completed and returned by:
15th July 2024

Dear Children and Adults,

In our final half term of the year, Year 1 will be learning all about the history of flight! We will be exploring significant events and significant individuals in the world of aviation. The story of the first flight is one of the greatest in world history and we are going to be learning all about it.

Spelling

Don't forget spelling rules for your Spelling words will go home with you Friday for your test the following week!

Maths

Remember to revise your **time tables**.

Practice the **number facts** you are working on each week. You will be tested on these!

And please don't forget to log onto [Times Table Rock Star!](#)

Places to Visit:

Croydon Airport - You can take part in tours with lots of information online. Usually the first Saturday of the month
<https://www.historiccroydonairport.org.uk/>

Royal Airforce museum: <https://www.rafmuseum.org.uk/london/>

Flight Gallery Tour:

<https://www.sciencemuseum.org.uk/see-and-do/flight-gallery-tour>

Topic Homework

WRITING AND HISTORY

You have a homework scrap book to use to complete your homework project. Over the next few weeks complete some of these activities or make some up of your own, feel free to also post photos/videos of your work on Google classroom.

Have a go at one of the following writing/speaking tasks:

1. Can you find out about a famous aviator? Can you write/talk about a life story? Create a fact-file or a short video to discuss what makes them significant. Could you present it in a creative way?
2. Can you write about a time you have been on a plane? What was it like? Where did you go? What was the airport like?
3. Can you research and research about the first flight? What makes it so significant?

Choose some or all of these!

1. Can you make a paper plane, that can fly for a long time?
2. Can you use Lego to make a replica of something that flies? Could you create a stop-motion video?
3. Draw a picture or create a diorama of a scene involving planes?
4. Make a mobile that celebrates flight?
5. Can you find a large cardboard box and create your own aeroplane? Where in the world will you go?!

Reading

Remember to read each day and get an adult to sign your reading record. Don't forget to collect your rewards for reading!

Websites:

BBC Bitesize KS1 – Events in Living Memory -

<https://www.bbc.co.uk/bitesize/topics/z8ftp4j>

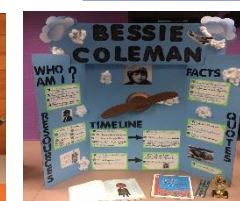
Changes through time -

<https://www.bbc.co.uk/bitesize/topics/zj3nf82/pics/zj3nf82>

BBC: Flight:

<https://www.bbc.co.uk/bitesize/topics/zvb76v4>

<https://kids.nationalgeographic.com/history/article/wright-brothers>



Recommended Reads

