



## Magic Moments Knowledge Organiser

### Flight

Year 5

Spring 1



#### What? Key Knowledge Takeaways

- The Wright Brothers invented the aeroplane over 100 years ago.
- Leonardo Da Vinci drew and designed the first flying machines.
- Amelia Earhart was the first female to fly solo.
- Amelia Earhart's final flight remains a mystery.
- All birds have wings, even flightless birds.
- Wings are streamlined, similar to airplane's wings, to move easily through the air.
- RAF Cosford is the Royal Airforce Museum.

#### Who? Famous People

<b>The Wright Brothers</b>	Two American aviation pioneers generally credited with inventing, building, and flying the world's first successful airplane.
<b>Amelia Earhart</b>	She was the first female aviator to fly solo across the Atlantic Ocean.
<b>Madame Therese Peltier</b>	She was the first woman to fly as a passenger aboard an airplane.
<b>Leonardo Da Vinci</b>	He is a famous artist, known for his drawings inspired by science and nature.
<b>Pat Caltron</b>	She is famous for her paintings of birds in their natural environments.
<b>Alan Woollett</b>	He is a well-known animal artist who primarily works in coloured pencil. In 2019, he was named Master Artist for 'Birds in Art'

Key Vocabulary	Definition
<b>Tempo</b>	The speed at which a passage of music is or should be played.
<b>Texture</b>	The feel, appearance or consistency of a surface or a substance.
<b>Rhythm</b>	Measured movement or flow.
<b>Pitch</b>	The quality of a sound governed by the rate of vibrations producing it.
<b>Contrast</b>	The state of being strikingly different from something else in juxtaposition or close association.
<b>Aviation</b>	The flying or operating of aircraft.

#### When? Timeline

1709	1785	1799	1804	1900	1908	1928	1978	1994
A model hot air balloon was created.	First ever air crossing over the English channel in an hot air balloon.	Sir George Cayley invents the concept of 'fixed wing aircraft'.	Sir George Cayley flies the first successful model glider.	The Wright Brothers make their first glider flight.	Madame Therese Peltier is the first woman to fly solo in an aeroplane as a passenger.	Amelia Earhart was the first woman to cross the Atlantic.	The first satellite was launched to provide us with global observations.	Test flight for the Boeing 777 aircraft (the first aircraft to be designed on the computer).