

The Magic of flight

KS1

Key Vocabulary		
Flight		An act of passing through air or space by flying
History		Everything that has happened in the past to people or things, or a telling of these events.
Past		Having happened or gone by at an earlier time.
Present		Existing at this time; current.
Aviation		The act, practice, or science of flying airplanes.
Flying machine		A device with a system of parts that work together to fly.
Gliders		A light aircraft without a motor that flies on air currents.
War		A state of armed fighting between groups of people, countries or states.
Icarus		Greek mythology. He tried to escape with his father, flew too high with wax-and-feather wings, and fell to his death when the sun melted them.
Myth		A story, person, or thing that has been made up or imagined and is not real.
Pioneer		Someone who is one of the first in a culture to explore or live in a place.
Pilot		The operator of an aircraft.
Primary source		A primary source is an original document or other material that has not been changed in any way.
Secondary source		They interpret, evaluate or discuss information found in primary sources

How many different types of flying machines can you name?

There are many different types of man-made objects that fly, such as:

hot air balloons,



aircraft



airships,



gyroplane,



spacecraft.

Who were Wilbur & Orville Wright (The Wright Brothers)?

Orville and Wilbur Wright invented the aeroplane. They grew up in America and were interested in inventions. Their interest in flight began when their father bought them a toy 'helicopter' which flew with the help of rubber bands. As they grew older, they learned how to make efficient propellers, studied how birds flew to aid their wing designs and learnt how to make lightweight engines.

Orville made the first flight in North Carolina, December 1903 which lasted 12 seconds and flew 140 feet.



In November 1904, using a newly designed craft named Flyer II, Wilbur took to the skies. This flight lasted five minutes.



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Who was Amy Johnson?

Amy Johnson was one of the most influential and inspirational women of the twentieth century.

She was the first woman to fly solo from England to Australia in 1930, setting sail in a second-hand Gypsy Moth planned called 'Jason'.

She had no radio link on the ground, no information about the weather and very basic maps. Before her Australia trip, her longest solo flight had been from London to Hull in Yorkshire.



Who was Bessie Coleman?

Bessie Coleman was the first woman of African American and Native American descent to earn her pilot's licence in America. She was known in America for performing daring goals. Her nicknames were 'Brave Bessie', 'Queen Bessie' and the only aviatrix in the world'. Her goal was to encourage all women to reach their goals and this became her legacy.



Who was Amelia Earhart?

Amelia Earhart was an American aviator who set many flying records. In May 1932 she became the first woman to fly solo and non-stop across the Atlantic Ocean. In 1935 she became the first person to fly solo across the Pacific Ocean. In May 1937 Amelia set out to break another record. She wanted to be the first person to fly all the way around the world. She and her navigator (Fred Noonan) set off on their adventure in 1937 but sadly never returned.



Who is Zara Rutherford?

Zara Rutherford was born on 5th July 2002 in Brussels, Belgium. At the age of 19 she became the youngest female pilot to fly solo around the world and the first person to circumnavigate a micro light aircraft. Her journey began in January 2022 and took five months in total.

