

Fun Bits 4

Flying in the Sky

In the past, people travelled to other countries or cities by ship and car or even on foot. Today, we have aeroplanes which can shorten our journeys. Let's read on to find out more about aeroplanes!



The Wright Brothers are famous for inventing the aeroplanes. In 1903, they flew in the sky with their plane for the first time! Before their success, they studied very hard and did many experiments on flying. For example, they studied the birds' wings and other people's plane models. Then, they learnt from others' failures and built a plane that could fly high!

An aeroplane can fly because its engines move it forward and its wings move it upward. Air flows over the wings of the plane quickly and creates an upward force called the 'lift'. When the lift is greater than the weight of the plane, the plane can fly.



A Match the pieces of information to the parts of an aeroplane. Write the correct letters in the boxes.

A. the fuselage

B. the landing gear

C. the wings

I am a great help when the plane leaves the ground to fly and return to the ground. What am I?

The two of us work together. We help create the lift so the plane can move upward. What are we?

I am a large area with many seats. Passengers stay here during their flight. What am I?

1.

2.

3.



An aeroplane has different parts. Apart from the wings, the fuselage is also important. It is the main body of the plane that carries passengers. Another key part is the landing gear. The whole set includes the wheels and brakes. They help the plane speed up when taking off and slow down when landing. The landing gear also supports the whole plane when the passengers board the plane.

STEAM Highlights

In which year did the Wright Brothers fly in the sky with their plane for the first time? (Find the answer from the text and check it on P.72.)

B Draw lines to match the sentences to the words from the text.

1. Today, people choose to travel to other countries by plane because it can shorten their _____.

2. The Wright Brothers did many _____ before their plane could fly in the sky.

3. Alex is waiting to _____ the plane to Japan at gate 27.

4. A plane flies when the lift is greater than the _____ of the plane.

5. The Wright Brothers learnt from _____ and succeeded in building a plane at last.

•  experiments

•  weight

•  failures

•  board

•  journeys