CBS Knowledge Organiser

Year: 1

The First Flight

What I already know

- Planes are a form of transport that takes us to places far away.
- Children will have seen planes up in the sky.
- Children may have had the experience of travelling on a plane.

New Knowledge/Facts

- There were many attempts to fly before the Wright brothers invention, including hot air balloons, feathers and parachutes.
- The first aeroplane was invented by Wilbur and Orville Wright and was flown on December 17th 1903.
- There are four key forces that enable a aeroplane to fly; thrust, drag, lift and gravity.
- The Wright brother's invention has changed the world. We can now travel on holiday, travel to see our families, receive goods/letters from around the world, win wars (WW2) and get to places quicker.



Overview of unit:

Children will start the unit of work by exploring the ways in which people tried to fly before the first flight. They will then find out about the Wright Brothers, Wilbur and Orville, who in 1903 created The First Flight and will explore the events of The First Flight through role play. Children will also compare The First Flight with a modern aeroplane, spotting the similarities and differences. Children will the learn how an aeroplane does not crash. They will finish the unit by writing a letter to Wilbur and Orville, letting them know how their invention has changed the world.



Key People

The Wright Brothers – Wilbur and Orville.

Key Vocab

Word	Definition
The Wright Brothers	American inventors who invented the first flight.
Aeroplane	Any type of power-driven aircraft that has fixed wings and is heavier than air
Fly	To move in or pass through the air with wings
Flight	An act of passing through air or space by flying.
Pilot	The person who operates the controls of an aeroplane/aircraft.
Invention	A new thing that someone has made.
Wings	An important part of an aeroplane which helps it to fly.
Engine	A machine that uses many different parts to convert fuel into energy, or power.
Travel	The activity of going from one place to another.
World	The planet that we live on, made of continents and oceans.
Thrust	A force which moves an aircraft through the air.
Drag	A type of force which acts on an object moving through the air.
Lift	The force that directly opposes the weight of an airplane and holds the airplane in the air.
Gravity	The force by which a planet or other body draws objects toward its centre.

