

# Knowledge Organiser

## Wheels and Wings

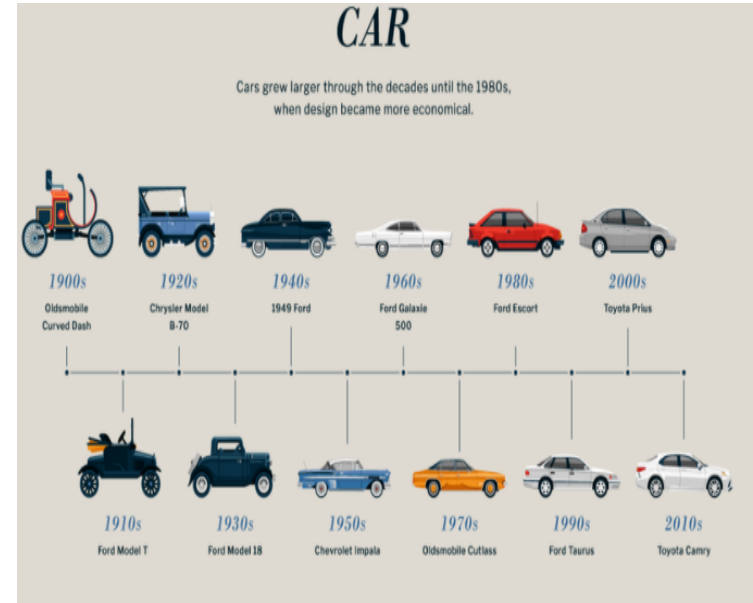
Transport has developed through the ages from horse drawn vehicles to the motor car.

What do you think it would have been like to travel around on a horse and cart?

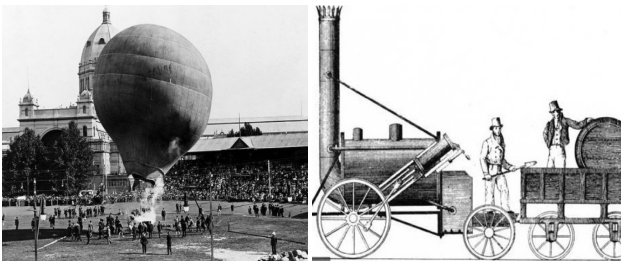
As transport has developed over time it has meant people have been able to travel more around the world using road, sea and air.

What different types of transport have you used in your lifetime?

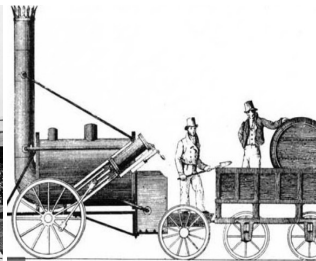
Ask your family if they can remember any older types of transport.



## Transport through the ages



1783



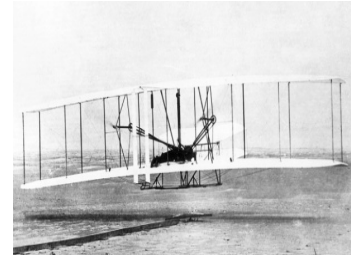
1829



1871



1885



1903



1911

## Key Facts

What was a horse and cart used for?

Horses and carts were used by people to travel and transport goods to other places.

What was a penny-farthing?

The penny-farthing was a bicycle that had one large wheel at the front and one smaller wheel at the back.

How did the steam-locomotive change lives?

The steam train changed the way people moved goods and travelled. Many city people, even the poorer workers, were able to travel to the seaside for the first time.

Who invented the petrol car?

Karl Benz invented the first petrol engine car.

Who flew the first plane?

The Wright Brothers were the first people to successfully fly in a plane.

## Vocabulary/Terminology

Travel

Moving from one place to another.

Transport

carrying people or goods from one place to another.

Steam Engine

A steam engine uses steam from boiling water to make it move. The steam pushes the moving parts.

Petrol/Combustion Engine

Combustion means burning. A petrol engine burns petrol to make it move.

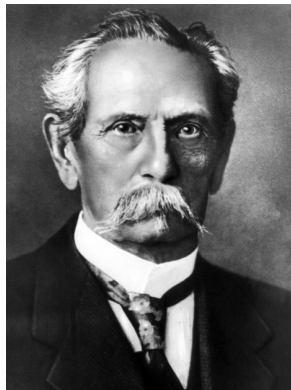
Electric Cars

Electric cars use electricity to make the motor turn.

Locomotive

A powered railway vehicle used for pulling trains.

## Key Figures



Karl Benz  
1844-1929

He was a German inventor who created the first automobile with an internal-combustion engine.

Karl Benz was one of the founders Mercedes-Benz.



The Wright Brothers  
Orville Wright  
1871-1948  
Wilbur Wright  
1867-1912

These two American brothers invented, built and flew the world's first successful airplane.



George Stephenson  
1781-1848

He is known as the 'father of railways'. George Stephenson built the first commercial locomotive. It was used to haul coal at Killingworth Colliery near Newcastle.