

# Key Facts, People and Dates

## VOCABULARY!

**assembly line**

a line of people/machines in a factory, each making a different part of a product

**Carriage**

a small vehicle pulled by horses

**Century**

100 years – for example, the 20th century lasted 100 years, from 1901 to 2000

**Engine**

a machine that uses energy (like heat from coal, or electricity) to make movement, e.g. a steam engine, an electric engine

**Engineer**

a person who uses science and maths to design and build engines, machines, etc.

**Horsepower**

a way of measuring an engine's power by comparing it to a horse's speed and pulling power

**Locomotive**

a train engine attached to wheels, powered by steam

**maglev**

a train powered by magnets and electricity

**mass-produced**

something made in big numbers, usually by machine

**Vehicle**

something used for transporting people or objects, e.g. a car or lorry

### Important people



**Richard Trevithick**

The **engineer** who invented the first working railway steam-powered **locomotive** in 1804.



**Robert Stephenson**

The creator of a steam-powered locomotive called 'The Rocket', which won an important competition (the Rainhill Trials) in 1829.



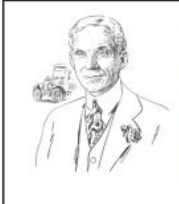
**Karl Benz**

The engineer who helped invent one of the first working motorcars in 1885.



**Orville and Wilbur Wright**

Better known as the Wright brothers, who invented the first working aeroplane in 1903.



**Henry Ford**

The creator of the Ford Motor Company, who sold the **first mass-produced** car in 1908 and helped set up the first **assembly line** in his factory.



**Hideo Shima**

The engineer who helped create the super-fast bullet train in Japan in 1964.



**Amelia Earhart**

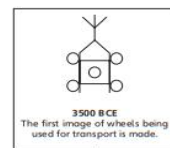
The first woman to fly across the Atlantic Ocean.



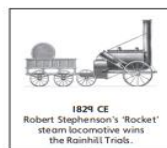
**Horse drawn carriages:** Carriages were used to transport people and other items.



**Locomotive engines:** Horse drawn carriages were replaced with engines.



3500 BCE  
The first image of wheels being used for transport is made.



1829 CE  
Robert Stephenson's 'Rocket' steam locomotive wins the Rainhill Trials.



1903 CE  
The Wright brothers fly the first aeroplane, the Wright Flyer.



1932 CE  
Amelia Earhart is the first woman to fly across the Atlantic Ocean.



1804 CE  
Richard Trevithick's steam locomotive makes its first journey.



1885 CE  
Karl Benz creates his first motorcar.



1908 CE  
The Ford Motor Company starts producing the Model T, the first mass-produced car.



1984 CE  
The first maglev train is built in Birmingham, UK.



**Transport:** Vehicles allowed people to travel long distances with ease.