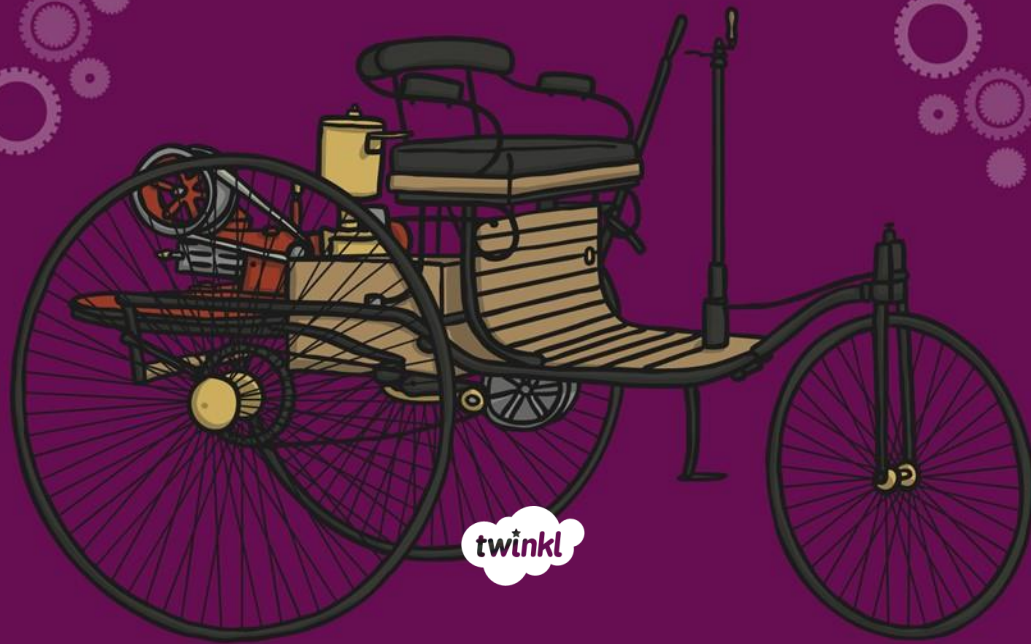


A History of Cars



Aim

- I can find out about how cars have changed since they were invented.

Success Criteria

- I can compare cars from the past and present day.
- I can recall some key facts about the first car.

When Was the First Car Invented?



18th Century

19th Century

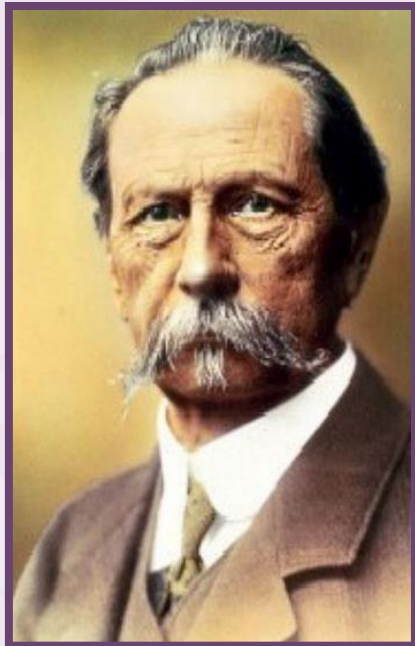
20th Century

1700

1800

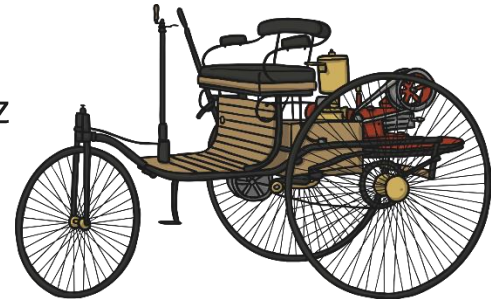
1900

2000



1885

Benz builds the first 'Benz Patent Motorwagon' in Germany.



Benz invented the car using a **petrol engine**, which is the model still used now. Before he built this car, there were vehicles that used **steam** to move!

A History of Cars



18th Century

19th Century

20th Century

1700

1800

1900

2000

1770

Before Karl Benz invented the first car using a petrol engine, Nicolas-Joseph Cugnot had created a steam driven carriage in 1770, in France.

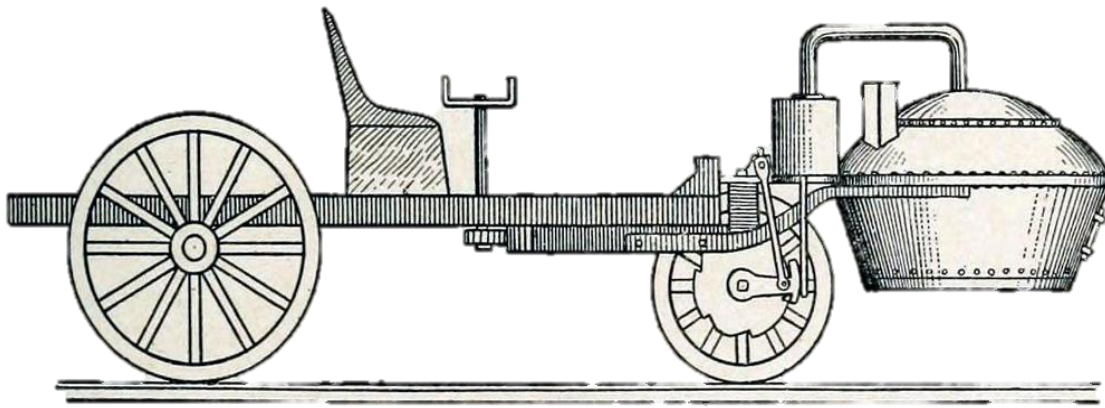


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Cugnot's Steam Carriage (1770)



It had two wheels at the back and one at the front. The steam created from the boiler at the front made the wheels turn.

Cugnot's steam carriage turned out to be very impractical. The boiler caused it to be too heavy at the front. Also the fire needed to be re-lit every 15 minutes to keep producing enough steam!

Do you think it would have worked well?

Benz Patent Motorwagon (1885)



18th Century

19th Century

20th Century

1700

1800

1900

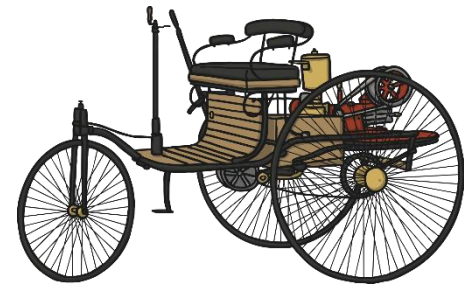
2000



1885

From 1885 till 1893, 25 motorwagons were built.

In 1899, 572 were built in that year alone.



Fact: The motorwagon reached a top speed of 11mph. This is slightly slower than the average speed of a running person!

Baker Electric Car (1899 - 1914)



18th Century

19th Century

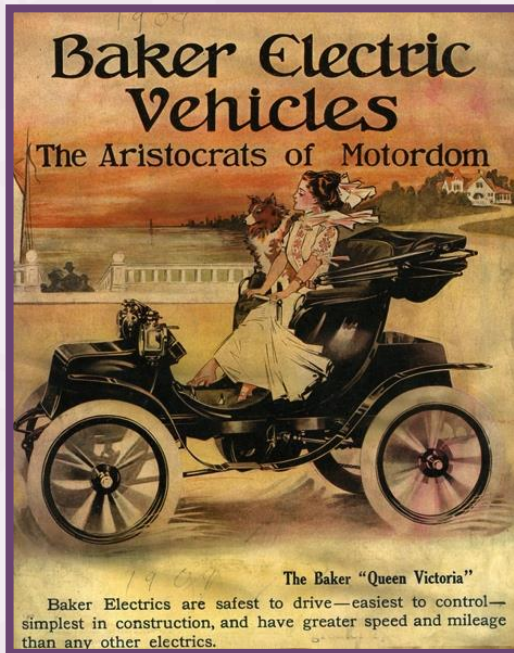
20th Century

1700

1800

1900

2000



1889

Electric cars were popular in the late 19th and early 20th century.



By 1914 they had lost their popularity to the petrol car, which was easier and cheaper to run at the time.

Ford Model T (1908 - 1927)



18th Century

19th Century

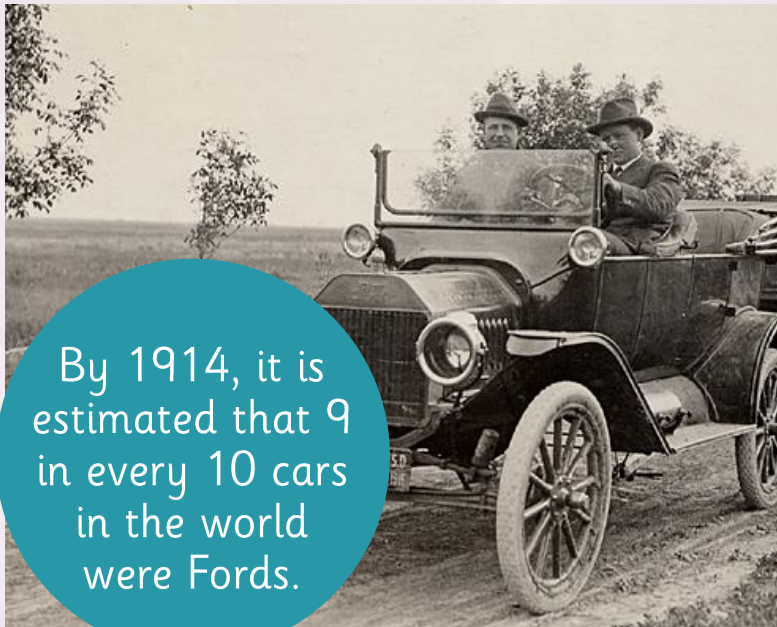
20th Century

1700

1800

1900

2000



By 1914, it is estimated that 9 in every 10 cars in the world were Fords.

1908

In America, Henry Ford designed the Model T and began building lots of them in his factory. This was the first time making cars happened in this way.



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Austin 7 (1922 - 1939)



18th Century

19th Century

20th Century

1700

1800

1900

2000



1922

The Austin 7 was manufactured by the Austin Motor Company in Britain.

It was extremely popular and sold very well in Britain and abroad.

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Volkswagen Beetle (1938 - 2003)



18th Century

19th Century

20th Century

1700

1800

1900

2000



1938

This car was built in Germany.



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Mini (1959 - 2000)



18th Century

19th Century

20th Century

1700

1800

1900

2000



1959

The Mini was built in Britain and became a very popular car in the 1960s.

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Toyota Corolla (1966 – present day)



18th Century

19th Century

20th Century

1700

1800

1900

2000



Old model

2014 model



1966

The Toyota Corolla is currently the best selling car in the world. They are mainly built in Japan.

How Have Cars Changed Through the Years?



What do you notice about:

1. The wheels?
2. How many people can use it?
3. What would happen in different types of weather?
4. What safety features are there?
5. What speed does it go?



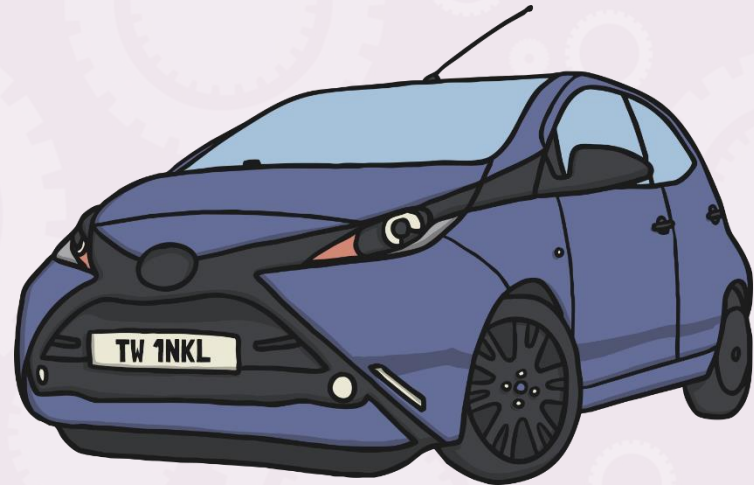
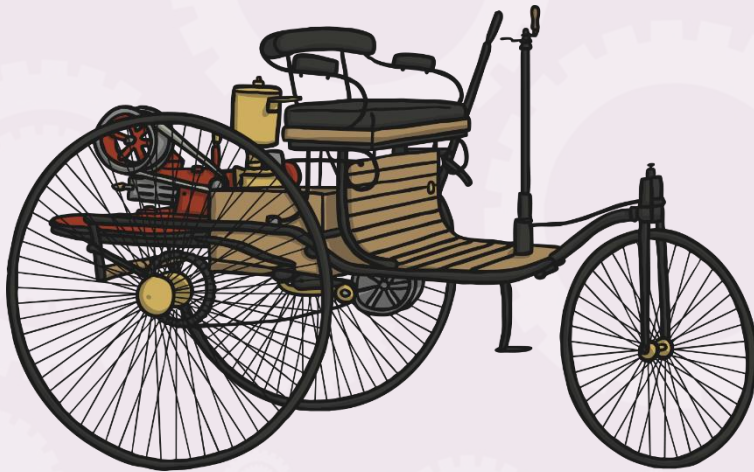
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Old and New Car Comparison Activity



What are the differences?

What is the same?



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