

Knowledge Organiser – Make a controlled vehicle

History

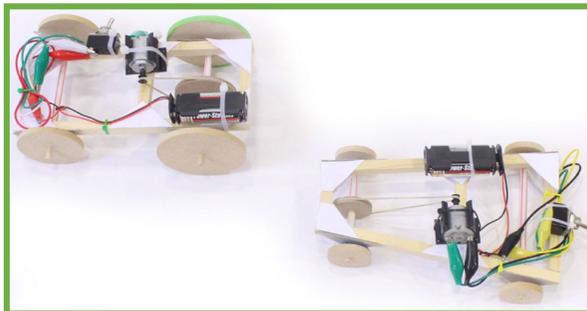
Cars have gone through a lot of changes over the years.

- **1769** – Nicolas-Joseph Cugnot invents a car-like vehicle. It was a steam-powered tricycle.
- **1807** – Two brothers (Nicephore and Claude Niepce) were working on the internal combustion engine. Unfortunately, they choose to put in on a boat. Later that same year another inventor (Francois Isaac de Rivaz) also perfected this engine. However, he put it on a car.
- **1886** – Carl Benz is the first to make a modern car. It was called the, Benz Patent-Motorwagen
- **1888** – Carl Benz’s wife (Bertha Benz) took this automobile for a trip. Before this no one believed it could travel for long distances.
- **1892** – A German engineer (Ralph Diesel) invented a new and improved combustion engine.
- **1897** – Diesel’s discoveries led him to invent the first diesel-powered engine.
- **1902** – Ransom Olds makes the first production-line made cars, the Oldsmobiles.
- **1908** – Henry Ford improves on the production-line, making the first affordable cars.
- **1914** – Ford’s cars were zipping off the production-line. It only took 1.5 hours to make a car!

Today – cars are being used all over the world. They come in all sizes, makes and models and are much more efficient.

Key Vocabulary

Vehicle	A thing used for transporting people or goods, especially on land, such as a car, lorry, or cart.
Motor	A machine, especially one powered by electricity or internal combustion, that supplies motive power for a vehicle or for another device with moving parts.
Pulley	A wheel with a grooved rim around which a cord passes, which acts to change the direction of a force applied to the cord and is used to raise heavy weights.
Dowel	A projecting peg used for holding together components of a structure.
Circuit	A roughly circular line, route, or movement that starts and finishes at the same place.
Axle	An axle is a rod around which a wheel moves or rotates
Bearings	A bearing is a device that supports moving parts and allows them to move more smoothly by reducing friction.
Friction	The resistance that one surface or object encounters when moving over another.



Set yourself a target! By the end of this topic, what do you want to achieve?

Did you achieve your target? Yes /