

# Electricity

## Fact Cards

twinkl

Electricity Fact Cards

The first power plant, owned by Thomas Edison, opened in New York City, USA in 1882.

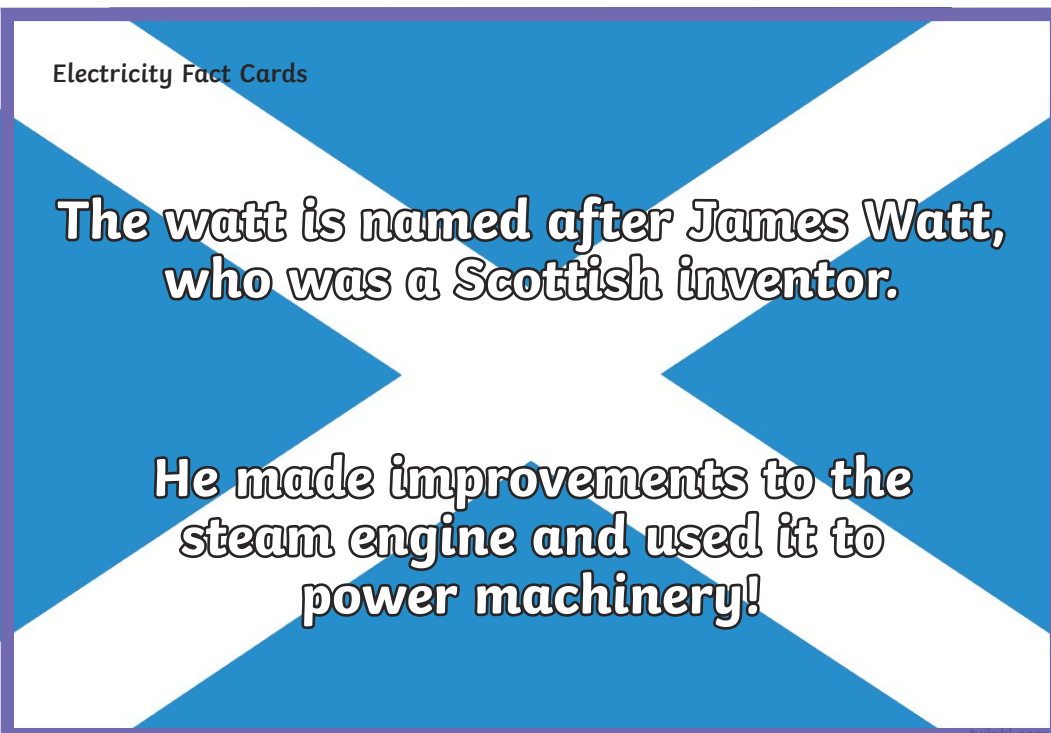


twinkl.com

Electricity Fact Cards

The watt is named after James Watt, who was a Scottish inventor.

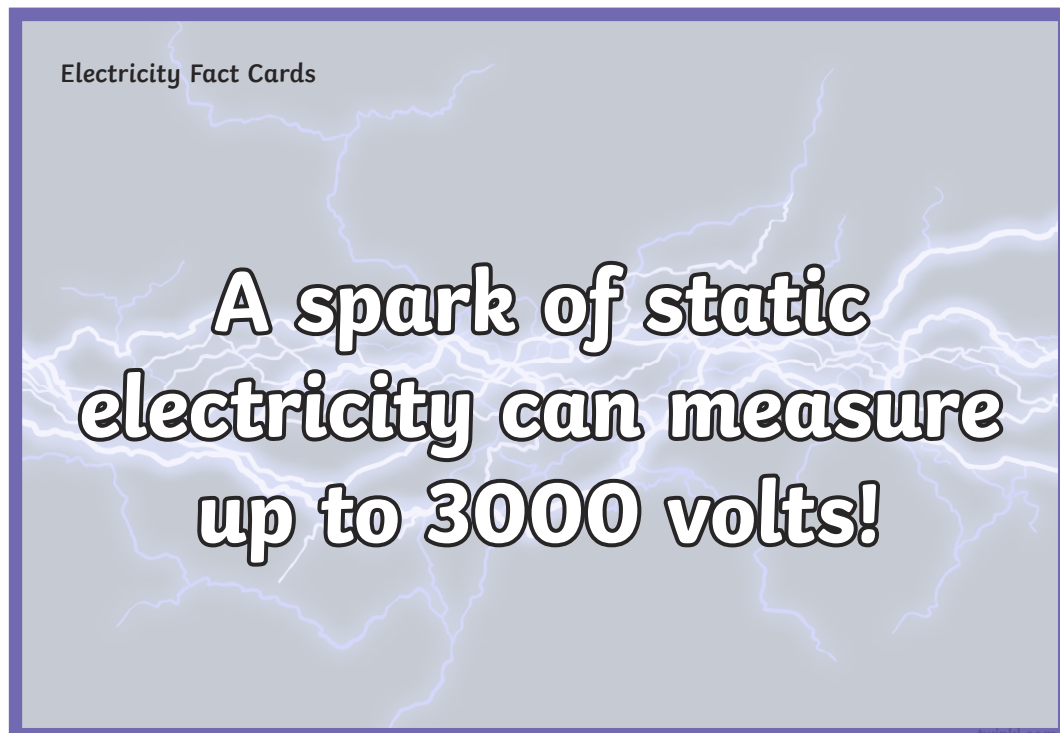
He made improvements to the steam engine and used it to power machinery!



twinkl.com

Electricity Fact Cards

A spark of static electricity can measure up to 3000 volts!



twinkl.com

**An electric eel can produce shocks that measure around 500 volts.**



twinkl.com

**A bolt of lightening can measure up to 3 million volts, even though it will last less than a second!**

twinkl.com

**It takes 6 billion, billion electrons to power a 100-watt light bulb for 1 second.**



**That's  
6 000 000 000 000 000 000 000 electrons.**

twinkl.com

**Kilowatt is a unit used for measuring electrical power.  
1000 watts = 1 kilowatt**

twinkl.com

**The first electric car was invented in 1835!**  
**However, it wasn't very popular as it was expensive to run.**

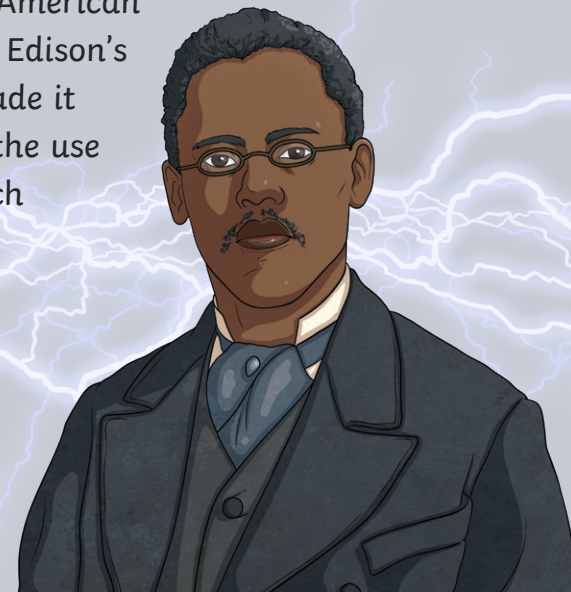
**There are 15 different plug types used around the world! When you travel abroad it is often necessary to take an 'adaptor' which you can attach to your plug so it can be plugged into the mains in other countries.**

**There isn't a standard number of volts that are delivered to homes around the world. In the UK, we have 230V delivered via mains whereas in Japan it is 100V.**

**Brazil and Thailand are two countries that have their own unique type of plug!**

**Electricity is used  
worldwide in every  
country in the world!**

Lewis H. Latimer was an American inventor. He took Thomas Edison's original invention and made it even better by patenting the use of a carbon filament which made widespread use of electric lights possible.



Florence Parpart invented the modern electric fridge in 1914. People still used ice-boxes until her invention arrived.



Marie Van Brittan Brown created an early version of the modern home security system. It included a TV monitor, a two-way microphone and a panic button that alerted the police. Her impressive invention was approved in 1969.

