



VICTORIANS: A topic about how great change came about.

History

A time of Great Change

The Victorian period was a time of massive change where many things were **invented**. Things that were once made by hand started being made by machines instead. Inventions made Britain very rich and powerful.

Historians use sources of information to help them find out about past events. We will be using primary and secondary sources to look at changes and their impact.



The British Empire

Britain **conquered** many countries across the world. This was called **The British Empire**. It included large areas of North America, Australasia, Asia and Africa. Britain took many materials from the countries it conquered and treated people unfairly.



The First War of Indian Independence 1857

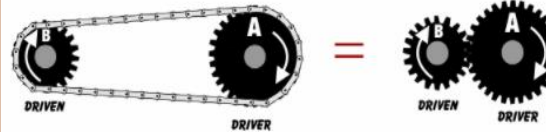
People wanted their countries back. They wanted to be **independent** again. In 1857, Indian people started to fight back. It took many more struggles. The Indian people finally got their country back in 1947.

Science

Forces

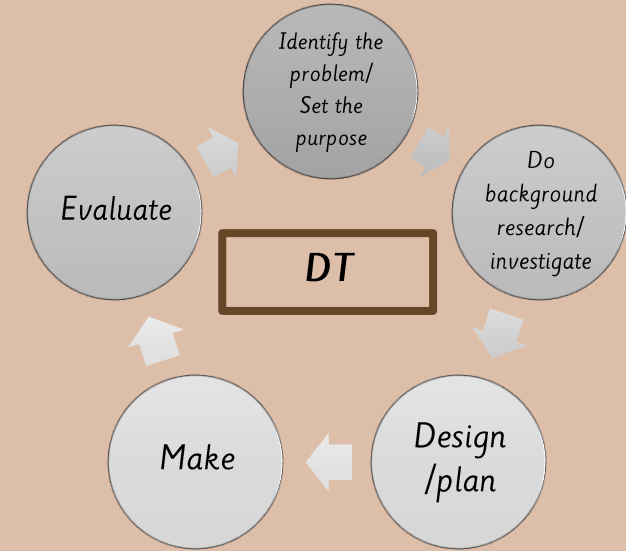
Inventors have to be scientists. They have to understand the **forces** that make **mechanisms** move and turn. Scientists have to plan experiments to test their ideas.

When one **gear** moves, it makes the other one move. They can be used to change the power or direction of a turning **force**.



Resistance slows down a force making it more difficult for an object to move.

The design process



Word Aware

invent	Make something that has never been made before.	force	a push, a pull or a turn.
Empire	places around the world ruled by the same country	resistance	the opposing (opposite) force that the object experiences when another force is acting
technology	using science to invent new devices or tools to make people's lives easier	gears (cogs or cogwheels)	A toothed wheel that works with other toothed wheels to change the speed or direction of movement.
revolution	A great change	mechanism	The working or moving parts of a machine