

Vocabulary

Science	analyse	examine (something) methodically and in detail, in order to explain and understand.
	build	make something
	compare	look closely to find same or difference
	design	plan
	engineer	a person who designs, builds, or maintains engines, machines, or structures
	invent	have a brand new idea
	machine	an object that uses power
	prediction	what you think will happen
	proof	show what happened
	structure	a building or other object constructed from several parts
History	test	an experiment to see what happens
	artefact	object
	hidden figures	people whose work was not recognised by others
	impact	have an effect on something
	influence	make an important change
	significance	important enough to matter
Art and Design	Space race	A race between countries to go to space
	levers	a bar or handle used to move a load
	slider	a type of lever
	wheels	revolve on an axle
	axles	bars that connects wheels
	structures	a building made from parts
	stiffer	not easily changed or bent

Who made the most difference?

Year 2 Crew
Knowledge Organiser
Terms 3 and 4

Enquiries

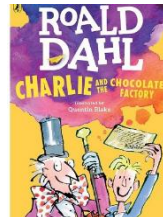
What is an engineer?
Can you be an engineer?
What difference did Brunel make?
How did Brunel make things beautiful?
Can anyone make a difference?

Key Facts

An engineer invents, designs, analyses, builds and tests machines and structures.
The famous engineer, Isambard Kingdom Brunel, played a key role in Britain's industrial revolution, designing and building railway lines, bridges, tunnels and docks around the country.
Tim Berners-Lee is an English engineer and scientist who invented the Internet /World Wide Web in 1989.
Henry Ford created the Model-T Ford motor car.
Marie Curie is one of a number of women who have made an impact in the world of science and engineering.

Anchor Texts

Charlie and the Chocolate factory – Roald Dahl
Stone Girl , Bone Girl – Laurence Anholt



Key dates

1811: Mary Anning discovered an ichthyosaur fossil
1831: Clifton suspension bridge was designed
1841: GWR line was opened between London and Bristol
1843: SS Great Britain was launched
1864: Clifton Suspension bridge was built
1908: Henry Ford invented the Model T motor car
1960s: Mathematicians; Katherine G. Johnson, Dorothy Vaughan and Mary Jackson played an important role in the space race
1989: Internet was invented
1991: James Dyson invented the bag less vacuum cleaner

Photographs

