

What should I already know?

- An inventor is someone who designs something for a purpose.
- Transport, such as boats and trains are important parts of every-day modern life.

Diagrams



Many of Brunel's inventions are in Bristol, England.

Bristol is a *city*.

You can see some of his inventions on this map of Bristol.

Bristol is in the South West of England.

What Will I know by the end of this enquiry

- I will be able to name some of Brunel's inventions: SS Great Britain, The Great Western Railway, Temple Meads Station.
- Brunel is remembered for designing and building bridges, tunnels, ships and railways.
- Thanks to Brunel we are able to travel up and down the country quickly, as well as cross many rivers.
- He is considered to be one of the greatest civil engineers of the 1800s.
- Brunel earned many honors and awards for his work.

Important Facts



Isambard Kingdom Brunel lived during *Victorian times*.

Queen Victoria became queen in 1837. Her reign is known as *The Victorian Period*.



Brunel was an engineer.

Many of Brunel's greatest achievements are in the city of Bristol. Brunel designed the Clifton Suspension Bridge, Temple Meads Station and the SS Great Britain.



The Great Western Railway connects London. The Great Western Railway is still in operation today. You may have travelled on it!



SS Great Britain - When built by Brunel in 1843, she was the largest ship in the world. She was designed to be able to travel to America in 100 days.

Vocabulary

Engineer	Someone who uses scientific knowledge to design, construct and maintain engines, machines or structures.
Suspension Bridge	A bridge that is supported from above by cables.
City	The largest type of settlement, containing lots of buildings and lots of people. They usually have hospitals, sports facilities, universities, shops, offices, many houses and a cathedral.
Village	A small settlement that may have houses, a primary school, a few shops, a Post Office and a village hall.
Time Line	The presentation of the order of events and their dates.
Chronological order	The arrangement of things following one after another in time.
Structure	Something that has been built from parts like a large building.
Industrial Revolution	The time, around 1760, when work started to be done more by machines in factories than by hand.
Design	A plan or drawing to show the look or function of something before it's made.
Make	Combine elements to create final project. Ev
Evaluate	Judge the quality of our finished project.



More information about Isambard Kingdom Brunel

