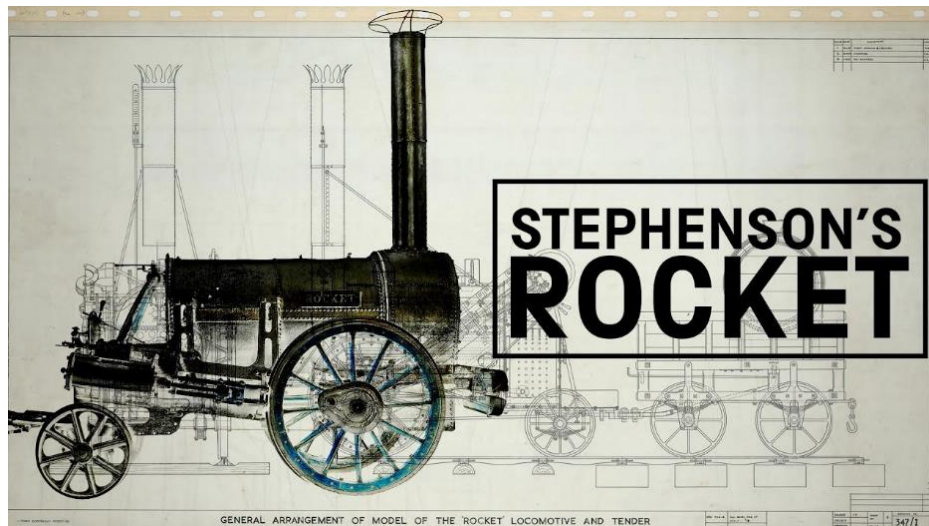


Is George Stephenson Significant?

Year 1

Turtles



Our knowledge organiser.

Transport through time

George Stephenson



Key Facts

- George Stephenson was born on 9th June 1781 in Northumberland in the UK.
- George Stephenson invented and built the first Steam Locomotive in 1814.
- The first passenger-carrying railway line was the Stockton to Darlington line built by George Stephenson in 1825.
- George Stephenson was racing the locomotive named the 'Rocket' which had been designed and built by his son, Robert. The Rocket train won the competition by going 30MPH.
- George Stephenson died on 12th August 1848.



Vocabulary

Locomotive - 'Moving engine'. A vehicle that moves using its own power.

In the past: The time before.

Passenger - A person riding in a vehicle.

Railroad - An old term for a railway.

Steam engine - An engine that uses steam from boiling water to make it move. The steam pushes the moving parts.

Timeline: A line on which important events and dates are marked.

Travel: Moving from one place to another.

Transport: Carry people or goods from one place to another.

Yesterday: The day before today.

Types of Engines



Steam - Works by burning coal and making steam in a boiler which is used to power the pistons to turn the wheels.



Diesel - Diesel is mixed with oxygen and squashed which creates a very high temperature. This causes an explosion which is used to power the engine.



Electric - Overhead lines power the trains with electricity.



High Speed Trains - These trains have special tracks, carriages and engines. They can travel between 125mph and 177mph.

We began our enquiry based question by looking at how transport has changed over time. We had pictures of transport and we sorted them into groups. Some chose sea and air, some chose wheels and no wheels.

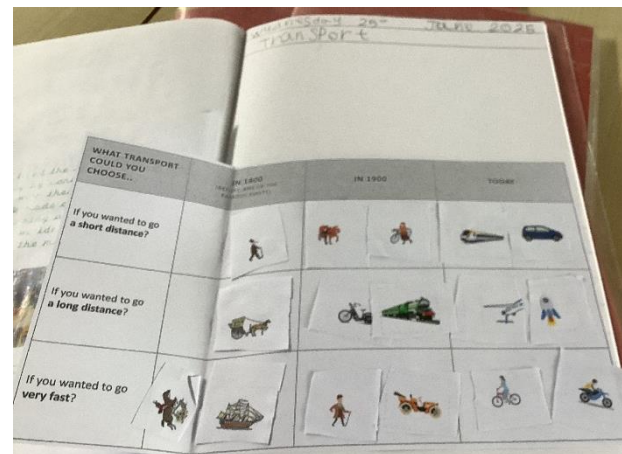
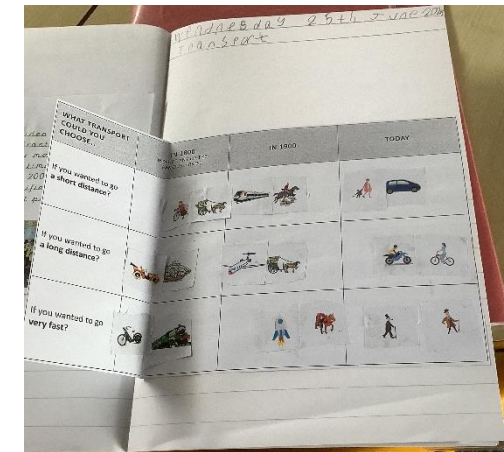
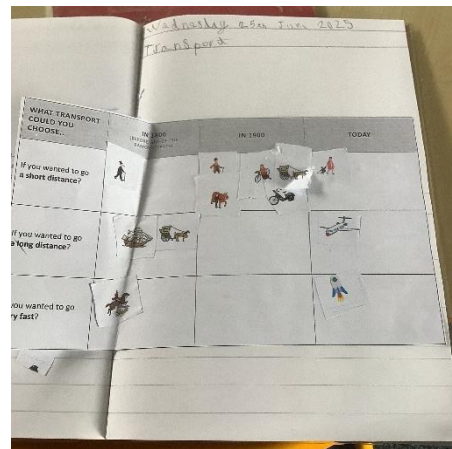
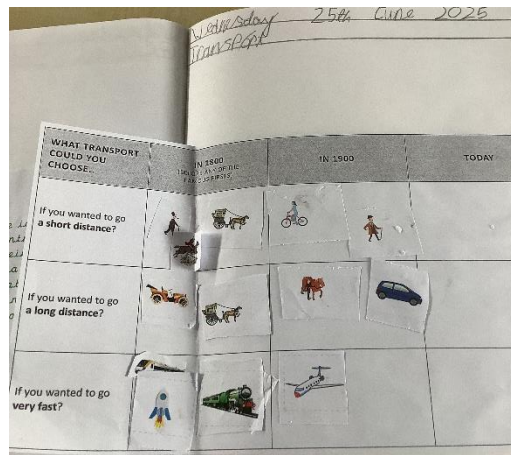


Once we had found our century groups we made a large timeline so that we could see when the fast vehicles started to be invented.

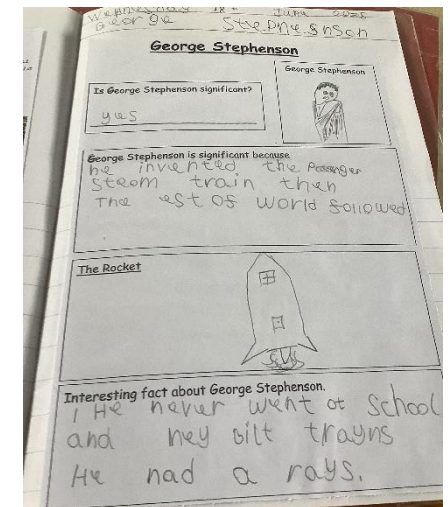
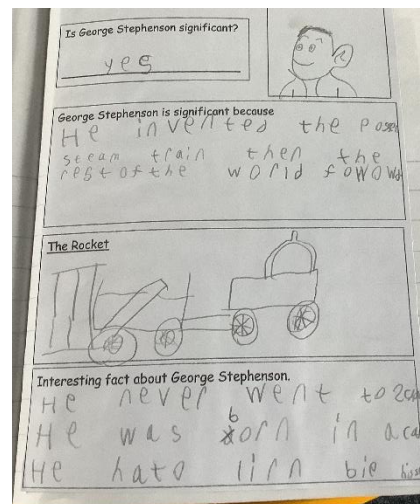
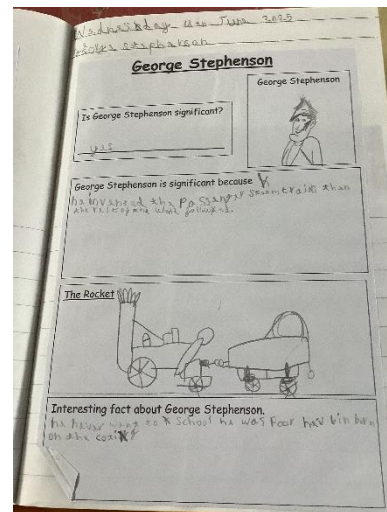
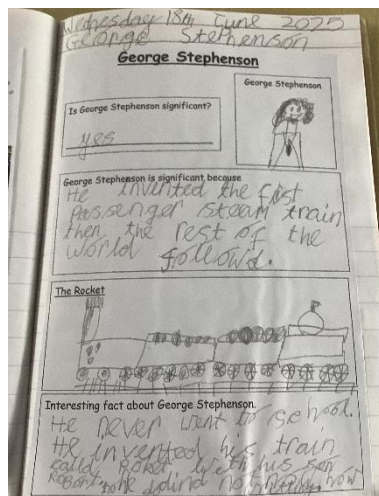


We could see from our timeline that it was the 19th century when most of the vehicles began to be invented.

We looked at the 3 centuries and which vehicle we would use if we wanted to go a short distance, long distance or go fast.



We used ICT to find out facts about George Stephenson.



We went to visit Locomotion in Shildon to learn more about the life of George Stephenson.



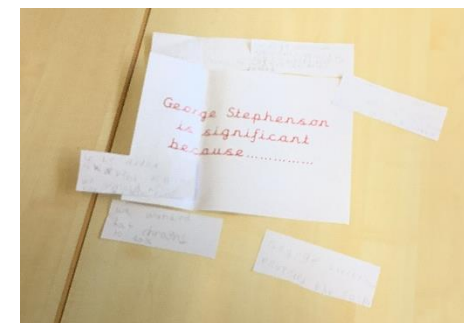
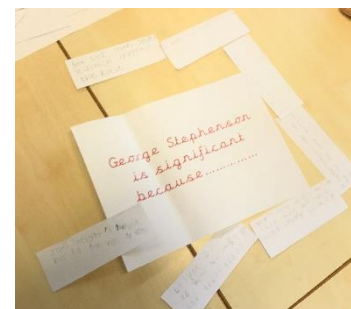
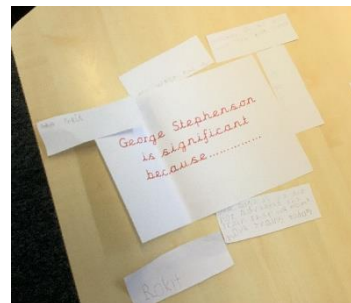
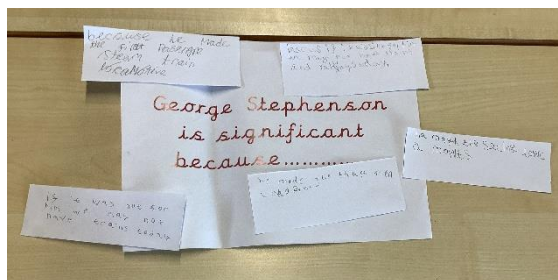
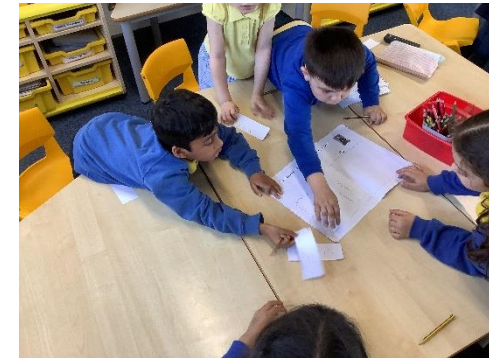
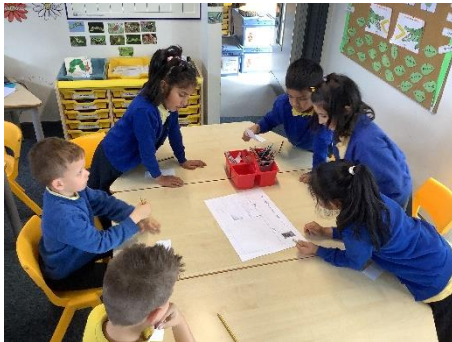
We took part in a workshop where we learned about how George Stephenson became an engineer. We looked at some artefacts the he used.



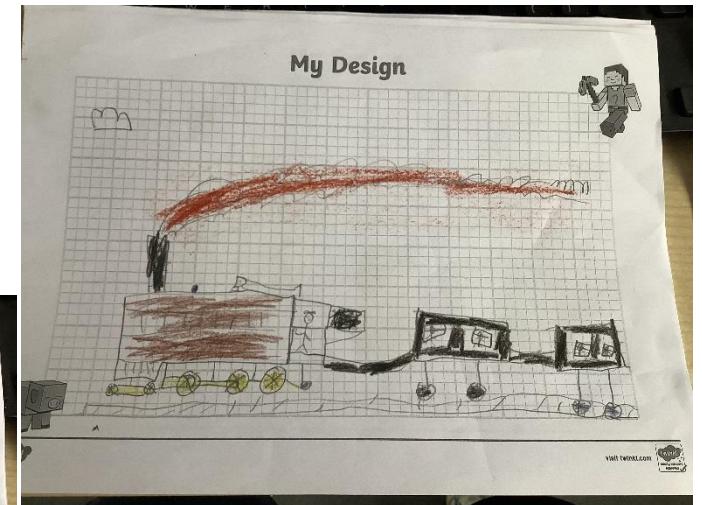
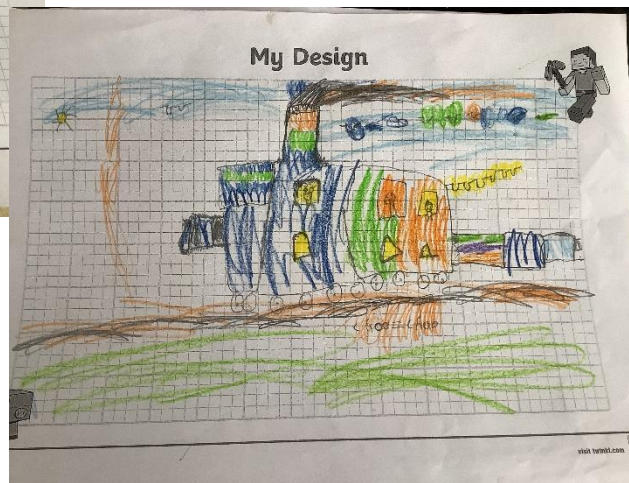
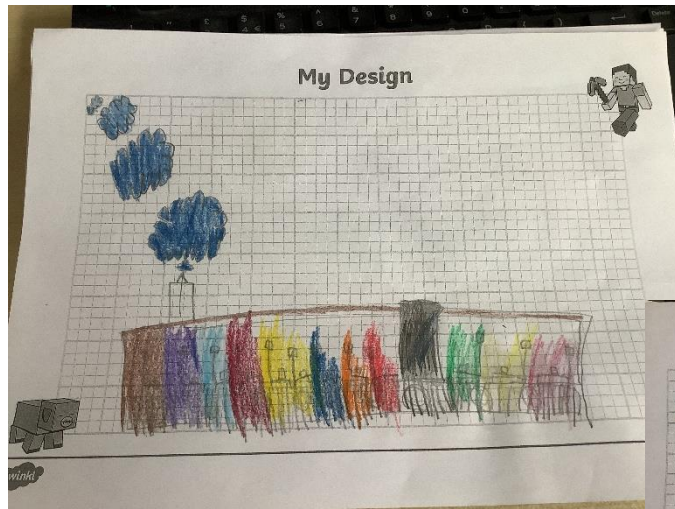
We acted out the opening day of the Stockton to Darlington railway.

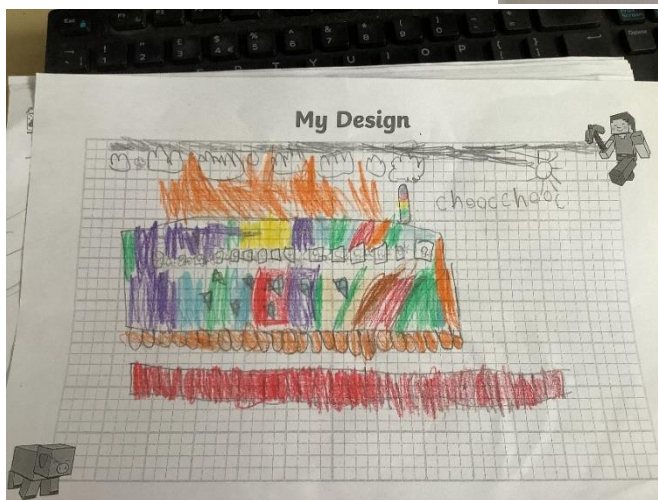
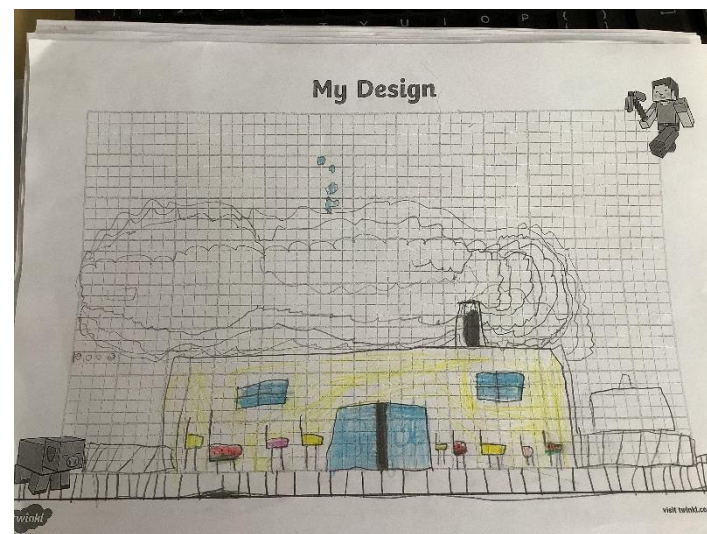
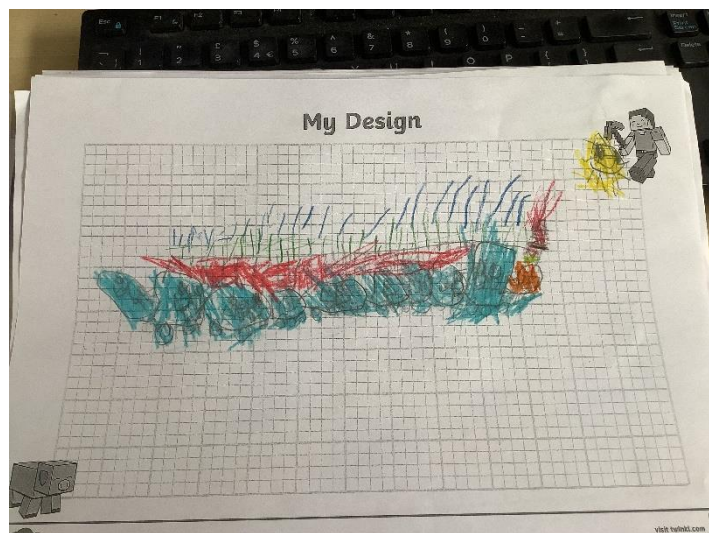


We discussed our findings about George Stephenson and told our peers if we thought he was significant or not and we all shared our reasons for our decisions.



We designed our own locomotive just like George Stephenson did.





We made our own locomotive just like George and Robert Stephenson did.

