OUR DRIVERS:

English

Launch Text - Rosie Revere, Engineer - Andrea Beaty

To know how to sequence instructions and directions for an invention.

To know how to use commands, questions, exclamation sentences in adverts for our inventions.

To know how to write a narrative about our trip to Didcot Railway Centre

To know and use suffixes in both spellings and writing -er, -est, -ed and -y to words.

To know how to spell words with 'le' saying /l/.

To know to check that the text makes sense when reading aloud and correcting inaccurate reading.

To know how to make inferences on the basis of what is being said and done when reading texts and listening to text.

To know how to predict what might happen on the basis of what has been read so far.

Mathematics Fractions

To know, recognise, find, name and write fractions: $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{2}$ and 2/4 of length, shape, set of objects of quantities.

To write simple factions for $\frac{1}{2}$ of 6=3 and recognise the equivalence of 2/4 and $\frac{1}{2}$.

Time

To know and write the time to five minutes, including guarter past / to the hour and draw the hands on a clock face to show these time.

To know the number of minutes in an hour and hours in a day

Personal. Social and Health Education Jigsaw Piece – Relationships

To know that everyone's family is different and that families function well when there is trust, respect, care, love and co-operation.

To know that there are lots of forms of physical contact within a familu.

To know how to stay stop if someone is hurting them.

To know some reasons why friends have conflicts.

To know that friendships have ups and downs and can change with time.

Buttercup Class - Summer 1



School Trip

Didcot Railway Centre - approx. £22 per child

Science

Uses of Everyday Materials

To know about and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

To know how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Music

Charanga – Friendship Song

To know how to play and perform in solo and ensemble context, using their voices and playing musical instruments.

Computing

Unit 2.6 - Creating Pictures

To know how to name, save and find my own word using Purple Mash.

To know how to search, find and include photos, text and sounds into my creations.

Physical Education **Athletics**

Know how to run, throw, catch and jump competently

To know how to look at ways of moving but begin to find a consistent method that produces the best results such as how will I throw, where will my arm be, how will I stand at the start of a race, etc

Ball Skills

To know how to pass a ball / object with accuracy. To know how to move an object with control to a specific location / person.

Historu

The lives of significant individuals in Britain's past who have contributed to our nation's achievements

To know how to people lived during Brunel's time (Victorians) To know how to sequence key facts and events during Brunel's lifetime.

To know and recall key information about significant people and events from the past.

To know how people and goods were moved before the Railway

Religious Education Can stories change people?

To know and retell the stories of Zacchaeus and Joseph and notice the changes in characters during the stories. To know that Jesus told stories (parables) as a teaching tool and prophets told stories to induce change in people.

Art and Design

Architects study: Isambard Kingdom Brunel Design Brief: to build a bridge to transport a train on

To know about, investigate and research bridges.

To know how to plan and design a bridge.

To know how to construct a bridge using a design criteria.

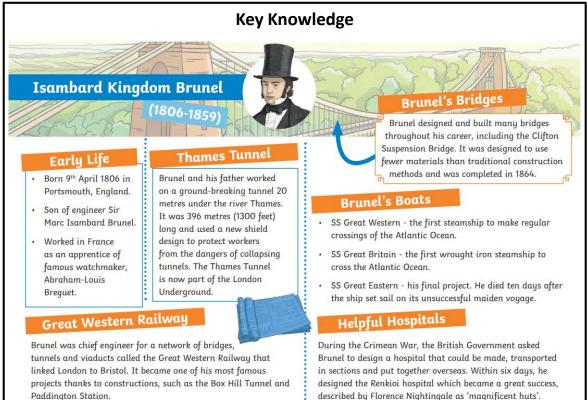
To know how to evaluate my bridge and the design.



Year 2 – Summer 2 Knowledge Organiser Enquiry Question: Who was Isambard Kingdom Brunel and why was he famous?



Subject Specific Vocabulary	
Engineer	Someone who uses scientific knowledge to design, construct and maintain engines, machines or structures
Industrial Revolution	A period of major change in the way things were made. Factories were first build and machinery was powered by steam
Box Tunnel	At nearly 2 miles long it was the longest railway tunnel when completed in 1841. On the Great Western main line between Bath and Chippenham
Suspension Bridge	A bridge that has a road way suspended from two or more cables, passing over towers and strongly anchored at each end.
Great Western Railway (GWR)	The first railway to connect London to the West of England and Wales. It changed the way peopled travelled and worked.
Viaduct	A viaduct is a bridge made of connected sections. Most viaducts are a series of arches. They may carry train tracks, bodies of waters such as canals or traffic across valleys, gorges or bodies of water
Victorian	The Victorians were the people who lived during the reign of Queen Victorian, from the 20 th June 1837 until her death on the 22 nd January 1901.



Isambard Kingdom Brunel Timeline

1806: Brunel was born in Portsmouth England 1808: Brunel's family moved to London

1820: Brunel is sent to France to study maths 1825: Brunel designs the Thames Tunnel 1833: Brunel becomes Chief Engineer for the GWR

1836: Brunel marries Mary Horsley

1837: Queen Victoria is coronated 1838: SS Great Western sails to New York in 13 days 1854: Paddington Station opens in London

1859: Brunel dies of a stroke in London











