



**Year 2, 3 and 4  
Autumn Term**

**Music**

As musicians we will explore 'beat' inspired by the sounds of a building site. Singing and composing music to perform.

**Computing**

As coders we will learn how to follow instructions, create algorithms and debug sequences.

**History**

As historians we will learn about the engineer Isambard Kingdom Brunel and his many designs, creations and the impact he has had on the whole world.

**Science**

As scientists we will explore electricity, looking at how to make circuits using a number of basic parts. We will investigate light and shadows, how they are formed and how their sizes can be changed.

**Art**

As artist we will develop our drawing technique using pencil and pastels whilst looking at the great artist Monet.



**Guided Reading**

As readers we will enjoy reading a variety of texts in order to extend our vocabulary and improve our understanding of texts.

**PSHE**

Using the Jigsaw resource; the children will discuss 'Being me in my world and Celebrating Difference.'

**Project**

To design and make a path/bridge to prevent flooding

**Literacy**

We are... speakers, listeners, readers, writers and performers  
We will learn the story 'Three Little Pigs' and will continue to improve our use of punctuation, followed by the structure of instructions. After half term we will learn the 'St George and the Dragon' exploring the language followed by learning about the text structure of a non-chronological report.

**Phonics/Spelling**

To support our spelling of root words we will be recapping phase 5B before moving on to spelling rules.

**Growth Mind-set**

We will continue to develop a growth mind set, changing the way we think into 'I can' rather than 'I can't'.

**Physical Education**

Real PE: developing coordination through footwork and one leg static balances  
This half term we will also be swimming every Thursday afternoon.

**Mathematics**

As mathematicians we will write, order, compare, sequence and know the place value of numbers. Add involving 2,3 and 4 digit numbers using column addition and other methods.

**Geography**

As geographers we will investigate different human and physical features, recognising them on maps and exploring the problems that IKB faced when creating the GWR.

**French**

We will listen to spoken language and continue to build on our spoken vocabulary.

**RE**

What is it like to follow god?

**Home Challenge**

*Teach the teacher – research, find or create something interesting about Brunel to teach the class*

**Christian Value**

Love is more important than anything else. It's what ties everything completely together.  
Colossians 3:14

# What impact did Isambard Kingdom Brunel have on the world?

