**History/Geography/D&T/Art:**

**History- How has Brunel’s work improved the lives of those living in Britain?** Explore Brunel's inventions of the bridge

**Geography-How many oceans, continents and countries did Brunel visit?** Use maps and atlases to plot Brunel’s journeys: continents, countries and oceans visited. Relate to longitude, latitude, equator, tropics, poles. Describe journey using 8 compass points.

**D&T**- Design and make a structure that holds.

**Art**-William Morris

**Maths** – Class 4 will continue with Maths Mastery.

First half term- **Y5 Unit 5** area and scaling **Y6 Unit 4** draw, compose and decompose shapes **Y6 Unit 7** fractions & percentages

Second half term- **Y5 Unit 6** calculating with decimal fractions **Y5 Unit 7** factors, multiples & primes **Y6 Unit 6** area, perimeter, position & scaling

There will also be regular times tables tests on a Tuesday.

**English (including drama**):

1st half term- We will read **The extraordinary life of Charles Dickens**  **by Mick Manning and Brita Granstrom** and write a biography of Dickens and a narrative. We will also explore the history of Brunel and write a Biography about him.

2nd half term –We will read **Wallace & Gromit – cracking contraptions** and write instructions and a formal report as well as a newspaper report of an invention

Every Wednesday the class have a SPAG (spelling, punctuation and grammar) lesson.

  

**P.E:**  Gymnastics will be with Mr Tyrrell on a Thursday and netball will be taught on Friday.

**Other:**

There will be a daily opportunity to quiet read and complete an AR test once children have finished reading a book. The children will be having weekly spelling/tables tests.

**Science:**

1st half term- **Forces** Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling objectIdentify the effects of air resistance, water resistance and friction, that act between moving surfacesRecognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

2nd half term- **Living things and their habitats** Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird**.** Describe the life process of reproduction in some plants and animals

 Brilliant Brunel Amazing Journeys

**ICT:**

**1st half term - Selection in physical computing**

 Exploring conditions and selection using a programmable microcontroller

**2nd half term- Selection in quizzes**

Exploring selection in programming to design and code an interactive quiz.

**Music**:

The children will be using a scheme called Charanga

1st half term-Going Confidence through performance

2nd half term- Explore notation further

**R.E.**

1st half term - CREATION/

FALL: Creation & Science – Conflict or Complimentary?

2nd half term - SALVATION: What did Jesus do to save Human Beings?

**Easter**

**P.S.H.E.**

1st half term-Keeping myself safe

2nd half term- Rights and Responsibilities