

### Science – Sound

- In this unit we will discuss what we already know about sound and create sound machines.
- Use and understand the meaning of scientific vocabulary such as vacuum, sound waves and particles.
- Investigate how we use our ears to hear sound.
- Discover how vibration creates sound and what happens if the vibration is greater.
- Complete an investigation testing how different materials can block out sound.

### PSHE:

- The unit we will be celebrating differences.
- We will be covering the topics of judging people based on appearances, understanding influences and bullying as well as why we are all special and unique.

### Computing:

#### **We will learn to:**

- Discuss e-safety – videos and interactive activities.
- Use Google maps to locate rivers across the world.
- Use the software scratch

### P.E:

- Children will be learning about different invasion games including rugby.
- There will be a strong focus on teamwork and communication with teammates.

### Mathematics:

- In maths this half term we will be finding the perimeter of rectangles and rectilinear shapes.
- Converting metres into kilometres.
- 3, 4, 5 and 6 times tables
- Division facts and using formal column methods.

## Hold Back the River Class 4

### Music:

- Children will be learning listening to and appraising a range of music.
- They will be exploring rhythm and pulse using body percussion. .

### Humanities:

- We will investigate what a river is and where it begins.
- We will be measuring rivers using scales.
- Analysing the Thames and where it comes from.
- Exploring features of OS maps using 6 figure grid references.
- Learning the difference between natural and human features of London.

**To make this topic even more relevant, and ensure the knowledge sticks, the children will be creating their own landscapes sketches of the London skyline.**

### R.E.:

- We will be looking at the importance of pilgrimages and discussing if all Christians should go on one.
- Learning the difference between a pilgrimage and a holiday.
- As Christmas approaches, we will be discussing if the true meaning of Christmas is peace.

### Writing

- We will be reading the poem River Story by Meredith Hooper and using this to inspire our own poems.
- We will immerse ourselves by acting out scenes and discuss the events.
- We will explore poetic devices including personification.
- We will continue reading Secrets of a Sun King by Emma Carroll as our first class novel

### Art & DT:

This half term we will be learning about skills and techniques involving sketching. We will explore:

- 2D and 3D shapes
- shading to show light
- shading to show texture
- explore perspective by considering

The artists we will be focussing on this half term are:

- Renny Tait
- Shantell Martin
- Stephen Wiltshire