

**Science:** Space. The children will learn to describe the movement of the Earth, and other planets, relative to the Sun in the solar system. They will learn about the movement of the Moon relative to the Earth and also how the Sun, Earth and Moon are approximate spherical bodies. We will investigate the idea of the Earth's rotation to explain day and night, and the apparent movement of the sun across the sky.

2<sup>nd</sup> half term: Electricity. Learn how to use electrical symbols for circuit diagrams. Investigate and explain variations in how electrical components function including the effect of multiple cells

### R.E.

The children will be discussing the question, 'Why do Hindus try to be good?' This will involve looking at the story of The Man in the Well; exploring the idea of karma; looking at Hindu moral duties and values; and finding out about some ways that Hindus try to make a difference to their worldwide community.

As we approach Christmas, we will also read & discuss the Christmas story in the Bible.

### Geography:

2<sup>nd</sup> half term

Where would you rather live? Exeter or London? Locate London on a map and compare the different types of settlements and landmarks of the two cities.

What are the differences between the Rive Exe and the River Thames? Explore the differences of the two rivers.

**English (including drama):** Our class book this half term will be 'George's secret key to the universe' by Stephen and Lucy Hawking. We will be reading this together using the visualizer to project pages. All of our writing will be linked to the Space topic, the children will be writing a newspaper report about the first landing on the moon, a narrative (similar to the class book) and an explanation text about the phases of the moon.

The second half term we will be studying The London Eye Mystery by Siobhan Dowd which will link in to the geography unit comparing Exeter to London and also to our school trip to the Houses of Parliament in November.

## Class 4 – Autumn term 2022

### Computing:

1<sup>st</sup> half term: Creating images in a drawing program by using layers and groups of objects

2<sup>nd</sup> half term: Planning, developing, and evaluating 3D computer models of physical objects.

### PSHE:

1<sup>st</sup> half term: me and my relationships

2<sup>nd</sup> half term: valuing difference

### History:

1<sup>st</sup> half term: How Crime and Punishment change over time?

A social study history of punishment over time from Anglo Saxons to present day.

**Maths** – This half term both year groups will cover:

**Y5 Unit 1** decimal fractions

**Y5 Unit 2** money

**Y6 Unit 1** calculating using knowledge of structures (1)

**Y6 Unit 2** multiples of 1,000

And after half term each year group will be taught:

**Y5 Unit 3** negative numbers

**Y5 Unit 4** short multiplication and short division

**Y6 Unit 3** numbers up to 10,000,000

**Y6 Unit 4** draw, compose and decompose shapes

### P.E:

1<sup>st</sup> half term tag rugby and gymnastics.

2<sup>nd</sup> half term netball and dance..

**French:** During the autumn term we will cover how to say and write all the possible dates and also the vocabulary needed to talk about 'my home'.