

**As mathematicians we will be....** following the White Rose Maths framework for year 6. The units this half term will be algebra; decimals; fractions, percentages and decimals.

Links to maths will be made through our topic and science work, e.g. rainfall can be measured and then data collected and shared using tables and graphs.

**As writers and communicators we will be....** studying the text, 'Journey to the River Sea' by Eva Ibbotson. During this unit of work, the children will be writing persuasive letters, balanced arguments, character descriptions, diaries and narratives.

We will be practising our spellings of words with certain suffixes, unstressed vowels and homophones. In our grammar lessons we will be learning about how to link ideas across paragraphs using cohesive devices (repetition of words, adverbials, ellipsis) and how formal and informal language is used in texts. We will also be revising what modal verbs are and how to use inverted commas correctly in our writing.

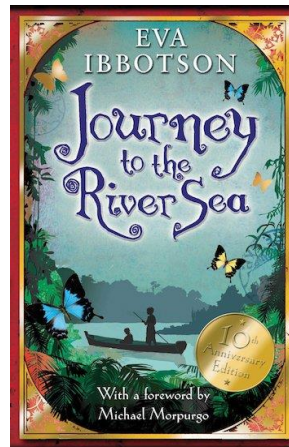
**As scientists we will be....** studying evolution and inheritance, learning about why animals look like their parents and how and why different living things evolve and adapt over time. We will be learning about variation of different species and how different species adapt to survive in different habitats and environments. We will also be learning about Charles Darwin, natural selection and Darwin's observations on the Galapagos Islands.

Year 6

Spring 1

**As artists and design technologists we will be....** completing the KAPOW unit of work, 'Painting and mixed media – an artist study'. Through this unit we will be exploring a selection of paintings through art appreciation activities. We will also be collecting ideas in sketchbooks and planning for a final piece after researching the life, techniques and artistic intentions of an artist who interests us.

**As environmentalists and geographers we will be....** learning about where our food and energy come from. Firstly, we will look at the journey of the cacao bean, from where it is grown, to how chocolate bars get to our shops. We will then be looking at where the food comes from that we eat at home and whether it is better to buy locally grown food or imported food. Moving onto energy, we will be learning why energy is important to us, what renewable energy is and specifically how we generate energy in the UK.



**As musicians we will be....** following the unit 'Creative Composition'. They will be learning how, by using chords in compositions, we can create music that is more harmonically interesting. They will also be creating accompaniment for a melody using chords and exploring how chords are used within the music by listening and responding to La Bamba.

**As information technologists we will be....** developing their spreadsheet skills using our Purple Mash scheme of work. The children will be learning what a spreadsheet looks like and how to navigate and enter data into cells. We will introduce some basic data formulae for percentages, averages and max and min numbers and also demonstrate how the use of spreadsheets can save time and effort when performing calculations.

**As health and well being experts we will be....** developing our gymnastic skills, learning how to use variations in level, direction and pathway, how to combine and link actions and how to relate to a partner and apparatus when developing sequences. In dodgeball, we will be improving the key skills of throwing, dodging and catching as well as selecting and applying tactics. In our PSHE lessons we will be learning about living in the wider world and what it means to be a responsible citizen and how we can look after our planet.