

## English

**As readers and writers we will** explore the text 'What a Waste' by Jess French to learn about the effect waste and pollution is having on our planet. The text informs us of actions that can be taken to protect Earth and the wildlife on it. Using our persuasive techniques, we will create leaflets to encourage people to reduce, reuse and recycle by including features such as the power of three, statistics and rhetorical questions. Our creativity will then be used to produce our own poems following the journey of plastic. We will then demonstrate our speaking and listening skills by performing these to small groups. Following half term, Oliver Twist will be our focus text. Taking inspiration from the story, we will get into the character of a child in the workhouse. Using drama to help our planning, we will write an informal letter to a friend describing the terrible conditions and build up to the key event of Oliver Twist asking for more.

## Maths

**As mathematicians we will** recap multiplying and dividing by ten and one hundred in order to aid our conversion between measurements. We will also continue exploring our multiplication tables (7, 11, 12) and the patterns that can help us to memorise them. Geometry and co-ordinates will be our focus before half term. Later in the term, we will be introduced to decimal places by exploring tenths and hundredths before applying this to adding and subtracting money.

## Computing

**As computer scientists we will** develop our knowledge of online safety by exploring online reputations and identity. We will discuss the signs and symptoms of online bullying and what we could do if we were ever in a worrying situation. Following this, we will use our knowledge of sustainability to create podcasts and then use scratch to make and fix algorithms.



Year 4 Spring Term 2023 - Learning Overview Summary

*Inspire, Learn and Achieve*

**Key Concepts: Environment,  
Community & Sustainability**

## Science

**As scientists we will** focus on electricity and investigate how to create a full circuit using batteries, wires and bulbs. We will use this knowledge to identify and fix mistakes made, using our explanation skills to demonstrate understanding of the concept. We will move on to exploring the parts of the ear and how sound travels to allow us to hear. Practical investigations will help us explore pitch and volume.

## MFL

**As linguists we will** continue to build on our accurate pronunciation and intonation, applying core language structures we have previously learnt to speak about our school and subjects.

## Music

**As musicians we will** learn how to hold and play various notes on a ukulele. We will progress to playing chords and use these to play different rhythms and songs.

## History

**As historians we will** be exploring the question, 'The Anglo-Saxons: Heroes or zeroes?' Key events of The Anglo-Saxons will be explored after the Roman withdrawal from Britain.

## Geography

**As geographers we will** be looking at archipelagos, particularly focusing on those in Europe. We will compare human and physical features as well as completing a weather survey as our fieldwork.

## Religious Education

**As citizens, we will** explore the how the world was created. By looking at the creation stories from different religions, we will form and explain our own opinions. Our learning will then focus on the 'Symbol of Light' and different rituals, with links made to the Easter story.

## PSHE

**As British citizens we will** be extending our knowledge and understanding of communities, identifying which ones we are part of and the benefits they can bring. Following this, we will explore our rights and responsibilities as well as how to respect ourselves by leading a healthy lifestyle. The concept of sustainability will run through this as we consider how our actions can impact the wildlife on our planet.

## Design & Technology

**As designers we will** explore battery powered products and then apply our scientific understanding of simple circuits to create a LED bracelet.

## Art

**As artists we will** study Neal Layton's picture book 'A climate in chaos'. Using this for inspiration, we will develop our drawing, painting and collage techniques to create our own illustrations linked to sustainability.

## Physical Education

**As athletes we will** consolidate our invasion skills within hockey and handball. We will also have weekly gymnastics or dance lessons developing a range of actions, body shapes and balances in a performance, including individual and partner balances.