

### Mathematics

As mathematicians, we will begin by focusing on developing our knowledge and understanding of place value. We will be using concrete resources to help develop fluency and back up our mathematical reasoning. We will be learning to represent and partition numbers to 100 and 1000 using different representations such as part whole models, place value and Gattegno charts. Year 4 mathematicians will use number lines to estimate, compare and order numbers to 10,000 and will learn to round to the nearest 10, 100 and 1000. Year 3 will be estimating, comparing and ordering to 1000 and developing fluency when counting in steps of 50.

We will be using Times Table Rockstars to build times table knowledge so by the end of Year 4, children can recall associated facts for all tables up to 12 x 12.

After half term we will use our place value knowledge to add and subtract 2 and 3-digit numbers (Year 3) and two 4-digit numbers (Year 4). We will develop skills in estimating and checking.

### World Views

We will be exploring 'What do Hindus believe God is like?'

### Science

As scientists, we will be learning about rocks, fossils and what lies beneath our feet! We will explore the three main types of rocks and how these are used in the world around us. We will be exploring our big question: Why are fossils only found in certain rocks? We will make systematic observations and use these to draw scientific conclusions. After half term, we will compare and group materials together, according to whether they are solids, liquids or gases and observe that some materials change state when they are heated or cooled.

### History

Our big question next half term is: How did the Arrival of the Romans change Britain? We will explore the wider historical reasons for the Roman invasion and learn about the famous protagonists of the time, such as Claudius and Boudica! As historians we will explore how we know so much about Roman towns in Britain, culminating in a trip to Exeter to see the evidence for ourselves.

### English

As creative writers, we will be looking at the book 'The Happy Prince' by Oscar Wilde and using this to write a narrative. We will be focusing on the use of inverted commas to incorporate dialogue into our narratives and will recap how to use a thesaurus to choose precise verbs. Ash Class writers will also learn to use a range of conjunctions and noun phrases to add description and detail to their writing. Later in the term, our non fiction work will include the explanation text, 'The Street Beneath My Feet' linking to our Science curriculum and our poetry writing will be inspired by 'The River' by Valerie Bloom, where we will explore the rhythm and shape of narrative poetry.

### Geography

Our big question this half term is: Beyond the Magic Kingdom; What is the Sunshine State really like? The children will be going on a virtual road trip USA! We will focus on Florida State before widening to look at the wider geography of North America.

### PE

Ash Class will be developing flexibility, strength, technique and control playing basketball in teams and as gymnasts.

### Computing

We will begin the term by exploring connectivity and computer networks with a focus on internet and safety. As programmers we will use stop frame animation (Y3) and audio production (Y4) to create digitally.

### Music

As musicians, we will be using the Charanga scheme to explore the question, 'how does music bring us closer together?'

Each lesson will allow the children to improvise, compose and perform.

### DT/Art

As designers, we will be exploring structures, with a focus on designing, building and evaluating a pavilion. We will begin by exploring geometric shapes used in designs, using real world examples to support this. As artists, we will be focusing on creating botanical drawings.

## Ash Class

## Autumn Term 2023

