

### Maths

Across the spring term we will be learning:

### Year 5

- **Multiplication and division** *Multiply 4 digits by 2 digits; short division consolidation*
- **Fractions** Multiplying fractions; finding unit and non-unit fractions of amounts
- **Decimals and Percentages** Finding equivalents; understanding the place value of decimal numbers
- **Perimeter and Area** *Area of compound shapes; perimeters of rectangles and polygons*
- **Statistics** *Line graphs; two-way tables*

### Year 6

- **Ratio** Using the ratio symbol; scale factors
- Algebra Formulae; equations; value pairs
- **Decimals** Rounding and the 4 operations with decimals
- Fractions, Decimals and Percentages finding percentages, finding wholes, equivalents
- Area, Perimeter and Volume areas and perimeters of triangles; areas of parallelograms; volume of cuboids
- **Statistics** line graphs; bar charts; pie charts; finding the mean and median

Maths is taught flexibly. Some lessons, both the Year 5s and 6s will be learning the same concept at different levels and will be taught together. Other times Year 5 and 6 will be taught separately to ensure each year group is covering their own curriculum.

We will continue to do CLICs and SAFEs weekly to remember our past learning. We will be using the 99 Club and TTRS for our times table learning.

## **English**

#### <u>Poetry</u>

#### The Highwayman by Alfred Noyes

Children will study the language and structure of the poem before performing sections using dramatic techniques. They will use their understanding to write a narrative from the point of view of one of the characters. Finally, they will write their own narrative poem based on the structure and themes of The Highwayman.

**African Tales** by Gcina Mhlophe Children will also create **ottava rima poems** based on African folk tales, experimenting with syllables and rhyming patterns.

#### Fiction

#### Children of the Benin Kingdom by Dinah Orji

The book follows the story of Ada, who discovers her true identity and must travel into the heart of the rainforest to heal the divisions that are occurring within the kingdom.. Children will learn about various perspectives, comparing characters and writing letters and diary entries in role. They will offer advice taken from warnings given and discover the meanings of new words within the context of the story. Throughout, children will be gathering information and building the skills towards writing a non-chronological report on the Kingdom of Benin.

**Twisted Fairytales** - We will look at how traditional tales can be twisted through characters and plot to give an unexpected ending. Children will write an alternative ending to a traditional tale.

#### Non-Fiction

### The Kidnapped Prince: The Life of Olaudah Equiano by Ann Cameron

Children will learn about the true story of a young boy who was taken from his home in the Benin kingdom through the slave trade and bought by a British naval officer. When he grew up he became a key figure in the abolition of slavery. Children will write diary entries based on this book.

**Non chronological report of the Kingdom of Benin** using a range of different non-fiction texts.

#### **Grammar and Punctuation**

Grammar, punctuation and spelling techniques are taught within English lessons. This term we will revise and learn about: cohesive devices, modal verbs, the active and passive voice, formal and informal language. We will revise the use of: colons, semi-colons, dashes, hyphens, brackets and inverted commas (speech marks).

#### **Spelling**

Children will continue to have spelling sessions three times a week with a spelling test on Friday.

### Science

Our topic for the term is **Animals Including Humans - The Art of Being Human**.

In this topic we will:

- identify and name the main parts of the human circulatory system
- describe the functions of the heart, blood vessels and blood
- Understand the impact of diet, exercise, drugs and lifestyle on the way our bodies function
- Explain how water and nutrients are transported within animals, including humans

We will be completing lots of hands-on practical experiments and models to help us in our scientific learning. We will also have a visit from Carla Weild who will teach us how to dissect an animal heart so we can identify the structure of the organ.

Within this topic, we will have a maths focus, on statistics, creating tables and different graphs to represent our findings in various experiments. We will also use the graphs to analyse and come up with scientific conclusions.

### RE

Our RE topic for the first half of term is **Gospel - What** would Jesus do? We will identify features of Gospel texts and their meanings by reading parables. We will also make connections between the Gospel texts, Jesus' 'good news' and how Christians live in the community by designing and budgeting for own church and church activities.

Our topic for the second half of term is **Salvation - What** did Jesus do to save Christians and what difference does the Resurrection make for Christians? We will look at the text of Luke 24 to find the Biblical concepts of sacrifice, resurrection, salvation, incarnation and hope, using theological terms. We will make connections between the Christian belief in the Resurrection and how Christians worship on Good Friday and Easter Sunday, putting their beliefs into practice.

### Art and Design Technology

In art for the first half of term our focus will be on **drawing skills**We will use a range of mediums on a range of backgrounds to create
African patterns. We will consolidate our skills of: cross hatching,
pointillism, sidestrokes, and the use of a rubber to draw/highlight.
We will then apply our patterns to work in **texture and textiles** by
creating batik fabric pieces of our patterns.

In the second half of term we will explore **form and sculpture** by creating African masks using collage in the sculptural process

# Geography

This term we will interleave our history and geography work. One week we will have a history focus and the next we will learn geography. To link into our learning on the Kingdom of Benin, we will explore **global trade**. We will look at what trade is, the global supply chain, food trade and Fairtrade, UK exports and international countries highest exports. We will look at how trade is relevant to our everyday life and what would happen if we couldn't trade.

Throughout this unit we will be using a range of primary, secondary and tertiary sources on trade data to create graphs and tables to present and analyse our findings; this will also link in with our maths unit on statistics.

Trade links into our history as we will also look at Benin and European trade during the 1700s and 1800s and we can compare this trade with today's practices.

### French

This half term we will look at **actions.** We will look at verbs in French in the first and third person and using verbs in the perfect past tense.

In the second half of term, we will look at **food**. We will learn the vocabulary for different foods; express our likes and dislikes and plan and prepare food for a celebration.

# History

Our history topic this term will be looking at the **Kingdom** of Benin. The Kingdom of Benin was located in what is now southern Nigeria and has no connection to the modern country of Benin. This topic has been chosen as the beginning of the Benin Kingdom overlaps with the end of our last topic, the Viking era, in around 900AD. This will allow us to make comparisons between contemporary societies, understand chronology as well as looking at the history of a non-western country. Within this topic we will focus on how trade not only helped the Kingdom of Benin to grow, but also was harmed by the trading practices of the British Empire in the 1700s and 1800s. This is strongly linked to our geography providing children a chance to make connections.

### PE

In PE this half term we will have one session a week with our professional sports coach Lucy Potter. She will be coaching our children in **striking and fielding games**.

Our other PE sessions will look at **dance** skills focusing on dances from other cultures, specifically African dances. This term we will be attending:

Wednesday 18th January - Action Ants Mini Mudder Wednesday 1st February - Action Ants Ball Skills Wednesday 29th March - Action Ants Unihockey This term we will be looking at **programming** using Logo. We will learn about repetition and loops within programming and create programs by planning, modifying, and testing commands to create shapes and patterns. They will use Logo, a text-based programming language.

In the second half of term children will continue **programming** and will apply their skills to games. They will look at the difference between count-controlled and infinite loops, and use their knowledge to modify existing animations and games using repetition. Their final project is to design and create a game which uses repetition using Scratch.

### **PSHE**

This first half term in PSHE, Helvellyn class will be going to Mrs Kelsall to learn about **KidSafe**. KidSafe is a programme that helps children to recognise and speak-out on any situation that is having a detrimental effect on their happiness.

In the second half of spring term, Helvellyn will be going to Miss Jackson to learn about **mental health** and wellbeing. In these sessions, children will learn how to look after their mental health by developing healthy coping strategies, understanding their emotions and how to develop healthy relationships with their friends.

### Music

Year 5 children will continue to learn to play the recorder on a Thursday afternoon, whilst Year 6s have their 'Buddy' time. Mrs Mepham will also be delivering music and movement sessions fortnightly and these will be based on the Charanga music scheme teaching listening and appraising, rhythm, pulse, dynamics, musical notation and performance. Our music calendar has been a huge hit and we will continue, each week, to listen and appraise different musical genres so children can gain a good depth of knowledge of different music from around the world and throughout history, and develop their musical tastes.

# Outdoor Education

Helvellyn children will continue to have a fortnightly session with Gary Fitzgerald, our Outdoor Education specialist. Children will be learning a range of skills, including: using tools appropriately to create things; map reading and orienteering; team work; making fires and cooking; survival skills and understanding our environment and how they can look after it and enjoy it safely.