

Year 5 Curriculum Overview—Spring

Key Information

PE day: This half term our PE day is a Tuesday. Please ensure your child has their PE kit with them in school at all times.

Homework

Reading: Please sign your child's reading record every day as these are checked daily. In KS2 it is expected that your child reads every night. This also ensures that your child is rewarded with a visit to the Reading Shop!

Spellings: On a Friday, your child will be given a list of spellings based on a spelling pattern or rule for that week. They will be recorded in their *Spelling Files* and should be practised at home daily, including within sentences, ready for a test the following week.

Times Table Rockstars: Your child will have a Times Table Rock Stars login in their reading diary. Please encourage your child to learn and practise their times tables regularly.

Other homework: This year, we are setting termly homework projects. Please see the guidance and activity sheets for more information and remember to make a note of our homework workshop date.

Maths

In maths this term, we will be ensuring we are fluent in the following curriculum areas whilst pushing our ability to reason and solve problems. The blocks we will be focusing on are:

- **Mental multiplication and division**—we will identify multiples and factors, prime number, square and cube numbers, use known number facts to solve larger calculations and multiply and divide whole numbers by 10, 100 and 1000. We will learn to multiply numbers up to 4-digits by a 1-digit and 2-digit numbers and divide numbers up to 4 digits by a one digit number.
- **Perimeter and area**—we will learn to measure and calculate the area the perimeter and area of shapes in cm and m.
- **Fractions**—we will learn to compare and order fractions, identify, name and write equivalent fractions, recognise mixed numbers and improper fractions and convert them from one form to the other, add and subtract fractions where the denominators are multiples of the same number, multiply proper fractions and mixed numbers by whole numbers and read and write decimal numbers as fractions.

English

Spring 1

For the first few weeks of this half term, we will be completing our fiction unit, which focuses on stories by significant children's authors. We will be learning to create an episode that continues the story. Our non fiction unit will be biographies and autobiographies, where we will be creating our own biographical presentation.

Spring 2

After half term, we will be completing a poetry unit, studying poems about the city. We will explore how poets use language for effect and write our own poem about a classroom, building vivid images in the reader's mind. Our linked non-fiction text explores persuasive writing and is linked to the 'cities' theme of the poetry. We will examine the audience and purpose of persuasive texts and explore fact and opinion. Our final piece of writing will be a presentation persuading people to consider whether or not there should be a new football stadium.

Guided Reading

This half term we will be taking a new approach to guided reading, using our class novel as the basis of our guided reading sessions. Our class novel this half term is called *Sky Song* by Abi Elphinstone.

We will be using VIPERS questions to deepen our understanding of the text.

Vocabulary—give/explain the meaning of words in context.

Inference—make inference from the text and justify using evidence.

Predict—predict what might happen from the details stated and implied.

Explain—identify/explain how content is related, identify/explain the meaning of words and phrases and make comparisons within the text.

Retrieve—retrieve and record key information

Summarise—summarise main ideas from more than one paragraph.

This novel will focus on inference and retrieval.

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RE

Spring 1

We will be learning about Sikhism, looking at the question, 'Are Sikh stories important today.'

Spring 2

We will then focus on Christianity, looking at the question, 'Did God intend Jews to be crucified and if so, was Jesus aware of this?'

French

In French we will be continuing to learn to count from 0 to 20, give someone's name and describe someone. We will be practicing speaking in French by asking and answering simple questions, and we will be focusing on listening to short spoken passages in order to pick out key details.

PE and PSHE

This half term we will be learning gymnastics in PE and after half term we will be playing rounders and athletic sports.

In PSHE we will be learning about 'Being Ourselves', looking at how to communicate our feelings in various scenarios. After half term, will be learning about drugs, alcohol and tobacco.

Music

This half term we are taking part in a Cornish music project called Kan Rag Kernow. During this project, we will be writing our own Cornish song about Earth and Space with support from a Cornish speaking specialist and musician. At the end of the half term, we will be performing our song in front of other schools who are also taking part in the project.

Science

Spring 1

In science this half term we will be learning about Earth and Space. We will be able to name the planets in our Solar System, explain how the planets orbit the sun, explain how night and day occur and explain that the moon orbits the Earth.

Spring 2

After half term we will be learning about Forces through a range of investigations and experiments. We will be able to identify forces acting on objects, including: gravity, air resistance, water resistance and friction. We will also be learning about Newton's role in discovering gravity.

History

In history, we will be learning about Ancient Maya. We will be learning who the Maya people were, how they had different writing and number systems, their religion and how they believed in multiple gods, their transport and trade systems and their everyday life.

We will learn to:

- Develop a chronologically secure knowledge and understanding of world history, establishing clear narratives within and across the periods we study.
- Address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance
- Understand how our knowledge of the past is constructed from a range of sources.

Geography

Within geography, we will be learning where in the world the Maya people lived and how they used their land for farming, trade and transport.

We will learn to:

- use maps, atlases, globes and digital/computer mapping to locate countries and key features.
- describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources.

Computing

Spring 1

We will be continuing to learn how to program games through coding. This half term we will be using Espresso Coding. We will be playing and creating lots of different games, explaining a rule based algorithm and detecting and correcting errors in programs

Spring 2

In Spring 2 we will be learning to use Google Sketchup or a similar software to enable us to become architects. We will learn to use and combine a range of programs on multiple devices and analyse and evaluate information. We will be designing and making virtual sculptures and buildings.