



Year 6 Curriculum Overview – Autumn Term 2022

English

In English we will be focusing on our class reader – Once – which will act as a stimulus for various types of fiction and non-fictional writing, for example:

- Non-chronological reports
- First person accounts
- Writing in character
- Setting descriptions
- Writing for drama
- Building suspense
- Descriptive writing

Alongside once, we will be looking closely at the diary of Anne Frank and will be using the information we learn to create a biography about her.

Children will be explicitly taught the grammar skills needed for the end of key stage 2 within their English lessons. Spelling will continue to be explicitly taught twice weekly (with a spelling test on a Friday).

Spellings will continue to be sent home on Friday's, to be returned the following Friday.

Maths

This year, we will be using the White Rose scheme to engage children in their maths learning. Maths lessons will take place at the beginning of the day in addition to 10 minute fluency lessons on an afternoon. The units we will be covering this spring term are as follows:

- 1) Algebra
- 2) Decimals
- 3) Fractions, Decimals and Percentages
- 4) Area, Perimeter and Volume
- 5) Statistics

Maths homework this year will continue to mirror the work children are doing in school, with additional units set for calculations as we approach the end of KS2 assessments.

Reading

Reading will be taught as part of an English lesson as well as explicitly through our Complete Comprehension scheme.

Our Complete Comprehension scheme includes a lesson per week focused on boosting vocabulary awareness followed by choral and shared reading, introducing a taught reading skill and a chance to apply this reading skill independently.

Planners will be checked weekly on a Friday for a minimum of 3 comments. In Year 6, children must write in their reading diary independently and keep their planner presented to a high standard- entries must be written neatly in blue/black pen or pencil. Planners that have 4 comments or more will earn a place in our Premier League Readers box.

Religious Education

During the spring term, we will be looking at the Christian creation story and the scientific theory of creation. We will be investigating whether both theories can coexist.

In spring 2, we will be looking closely at the story of resurrection as approach Easter time.

History

This term in history we will be starting an exciting new local history topic, investigating World War 2. We will be looking at the causes of the war, individual battles within the war, daily life for civilians and the role of women. As part of our war topic, we will create war diaries and we will also have the exciting opportunity to attend RAF Cosford!

Art and Design

This spring we will be looking at developing our individual art and design skills as artists in year 6. To do this, we will be investigating the work of many renowned artists such as David Hockney, Fiona Rae, John Singer Sargent, Lubaina Himid and Paula Rego. We will be annotating their work and understand where they draw inspiration from. Following this, we will pull all of their ideas together to create a piece of our own, inspired by one of our focus artists. We will plan our outcome over a number of weeks and will eventually create our very own composition – either abstract, realist or experimental. Children will have ownership over which medium they would like to use!

Science

In science, we will be looking at our 'electricity' topic. We will have lots of hands on experience of experimenting with circuits and circuit components, recording these using the correct symbols in our books. As part of our scientific enquiry, we will also be using data loggers and sound readers to measure the amount of light and sound being emitted from a circuit.

We will then go on to look at different animal habitats and classifications, trying to understand our key unit question 'could animals survive in a different habitat to their own?'

St James's
Church of England
Primary School



Physical Education

Outdoor: We will be following the PE hub unit to cover our tag rugby unit before half term. In spring 2, we will move onto our cricket unit. We will also be providing exciting opportunities for children to get involved in extra-curricular clubs and represent the school at local tournaments

We will also complete our second dance and gymnastics units of the year as part of our indoor PE provision.

French

This term in French we will be building upon our prior knowledge to cover the following objectives, using Rigolo:

- Discussing all of the aspects of our day in chronological order
- How we transport to and from places
- Which places we like to go to and which places we do not like to go to
- Talking about the details of a typical day
- Recalling our daily routine

We will have the opportunity to record these in our books, as well as practise our skills verbally.

Computing

In computing during the first half term, we will be developing our knowledge and understanding of code and the importance of a secure code by looking closely at Bletchley Park. We will be looking in detail at the work of Alan Turing, a key figure during World War 2, and will be having a go at cracking some codes independently. We will be using padlocks to understand how important secure code is, and will eventually be creating code of our own.

In spring 2, we will have the exciting opportunity to look at the history of computers. Starting with the very first radios, we will be looking at computers through the years, with a particular focus on computers that have shaped the way technology has developed such as: frogger, the Colossus, laptops and Macbooks. We will be looking at these computers in detail, comparing their bytes of storage with the smartphones we use today – demonstrating how much the world has developed technologically in such a short period of time!

Geography

During the spring term, we will be investigating the question, 'Where does our energy come from?'

We will be looking at how our homes, cars and schools are powered and whether the energy sources that we use are environmentally sustainable. We will be looking closely at climate summits like COP26 and will be trying to understand why world leaders are taking this so seriously, whilst understanding what actions they are taking.

From this, we will be proposing solutions as to how we could make our world more sustainable.



Design Technology

This spring term, we will be looking at planning, designing and creating our own circuit to create our own game, linking in nicely to our topic of electricity. We will be designing our own games, moulding our own wires and creating our own routes to follow.

Think 'steady hand game' – make sure you don't slip!

Personal, Social, Health and Economic Education (including Relationships Education)

In PSHE in the Autumn term, we are investigating the question 'how do we keep healthy as we grow?'. We will be using the Jigsaw PSHE scheme to look at a variety of contributing factors to staying healthy, demonstrating the children the difference between physical and mental health. We will be facilitating discussion on fascinating topics such as:

- The effects of sleep on our physical and mental health
- What are the consequences of my choices?
- How can positive thinking help me?
- What substances can do me harm?

This unit aims to display to children that they have control over their own choices, and that they have the capacity to take responsibility for their own wellbeing.