

Year 6

## Summer Term Topic 2021

### Science

**Animals, including humans:** This unit focuses on the digestive system in humans and animals and the functions of teeth. Children will learn more about herbivores, carnivores and omnivores in the context of teeth, digestion and the food chain. In addition, they will extend their understanding of food chains to more complex chains and food webs.

We will end the year by revising what we have learnt so far and undertaking a STEM (science, technology, engineering and mathematics) project.

### Relationship & Health Education

The term begins with learning about the importance of maintaining a balanced lifestyle and the importance of oral hygiene and dental care. The year 4 children will learn about the physical and emotional changes that happen in puberty, whilst years 5 and 6 will learn about personal identity and human reproduction. The term finishes with the children looking at keeping themselves safe in different situations, including responding in emergencies.

### Religious Education

**Pilgrimages:** We will learn about what a pilgrimage is for both secular and religious people. They will then focus on the six main world religions and identify the role of pilgrimage in that religion. This will include finding out about specific pilgrimages, such as the Hajj, when and where the pilgrimages take place, and what takes place during the pilgrimage.

**Christianity:** We will be learning about key aspects of the Christian faith. The children will work creatively to enhance their learning experience. They will find out where Christianity originated, about special places linked to Christianity and about key festivals in Christian life. The children will also learn about symbols in Christianity, the Christian holy book and the main beliefs held by Christians.

### Music

**1Term2Learn** is a new one term whole-class ensemble teaching programme that aims to inspire children to take up a musical instrument. Working in partnership with schools, West Sussex Music has responded to feedback to create an alternative option to our whole year Key2Music programme. The final session is designed to be a performance to families, celebrating the pupils' achievements and promoting progression routes to continuing instrumental learning. The school will send details of which musical instrument will be practiced at the start of the term.

### Mathematics

**Measures:** we will start this topic by converting between miles and kilometers, using scaling. We will also calculate the area of parallelograms and triangles, using formulae.  
**Geometry and statistics:** we will illustrate and name parts of a circle, knowing that the diameter is twice the radius. We will construct pie charts and line graphs and be able to interpret and compare them. We will understand the concept of 'average' and use the mean to find average scores; we will be able to explain when an average score is better than a collection of single scores.

**Revision:** we will be using the time, coming up to our National Curriculum Tests to revise key areas of learning. After the **National Curriculum Tests** we will be looking at a variety of projects, which explore famous mathematicians and concepts, such as phi, the Fibonacci sequence, the Golden Ratio and how it can be found in nature and music. We will also look into the more recreational aspects of maths – Sudoku, logic puzzles and probability. All year 6s will revise any areas they need to in preparation for going to secondary school.

### History

**World War II:** We will learn when and why World War II began and find out about the key individuals and countries involved. In addition to this, they will discover all about evacuation; learn what it was like to live with food rationing and explore the contribution made by women to the war effort. Furthermore, they will learn important facts about the Holocaust and investigate events that were key turning points in the war, such as the Battle of Britain and the German invasion of Russia. Studying World War II will help children to develop their investigation and evaluation skills; learn to organise information chronologically and understand how past events have helped to shape the world we know today.

### Geography

**Marvellous Maps** allows children to further explore the range of maps available to geographers and to develop their understanding of the key features of maps. They will study a range of maps and atlases, including digital maps, and compare their features. They will learn to use the eight compass points to give directions and give grid references to locate places on a map. By comparing maps of the same place, children will learn about the way that places have changed over time.

### Modern Foreign Language (French)

**All around town: we will start by developing our** intercultural understanding by being introduced to the sights of some typical French cities. We will also learn to describe places in a town, count to 100 and give our address in French.

**Holidays and Hobbies:** we will learn key vocabulary related to holidays, weather and seasons, sports and hobbies. We will learn specific vocabulary of how to say what the weather is like, temperatures, names of different sports and hobbies. We will learn key phrases connected to the themes.

### Design Technology

This **Let's Go Fly a Kite** unit gives children opportunities to develop their understanding of frame structures and how they can be strengthened and stiffened. Children will discover information about a key event involving a kite that helped shape the world. Children will gain knowledge and understanding about the parts and shapes of kites. This will help them when designing and making their own kites. Finally, children will test and evaluate their kites against design criteria they have created.

### Literacy

We will start our Literacy Learning journey by investigating the structure, vocabulary and punctuation choices of British Poets. We will use Kenneth Grahame's 'Wind in the Willows' as a basis to study narrative structure and we will explore a scene by changing the viewpoint. We will also use historical research to craft an explanation text about how the world changed after World War 2. To end the term, we will plan, research, write, edit and evaluate our own writing – we will be able to choose the form, viewpoint, audience and purpose. It will be an opportunity to showcase all of the skills we have learnt during the year. Outside the literacy lesson, we will be writing instructional texts on how to survive the Blitz!

### Physical Education

**Outdoor and adventurous activities:** we will go to Cobnor Activities Centre for a 3-day residential. We will undertake the following activities: kayaking, canoeing, sailing, orienteering, mountain-biking skills, rock climbing, low ropes and raft racing.  
**Athletics:** we will practice sustaining pace over short and longer distances. We will also work in groups to ensure we keep our maximum speed in relay races. We will also be increasing our power on a variety of jumps and throws.

### Art

In **British Art**, we will learn how to use a range of media for making portraits: how to make 'sensory' boxes, create abstract 'cut ups', tell stories in pictures and write memory postcards to create quality artwork that shows progression in skills. We will also have the opportunity to explore the work of British artists Thomas Gainsborough, Lucian Freud, Howard Hodgkin, Anish Kapoor, Paula Rego and Sonia Boyce.

### Computing

**Collaborative Learning:** In this topic, children learn about how to work collaboratively in a responsible and considerate way as well as looking at a range of collaborative tools including Google Docs, Slides, Forms and Sheets. They also develop their understanding of the benefits of working together and how the Internet provides opportunities to do this even when people are not physically in the same location.

**Coding:** The coding program Scratch is explored further by revisiting its key features and introducing the children to the crucial concept and execution of using 'variables' in code scripts.

Main Topic

# Journeys

### Enrichment and what can you do to help your child on their way?

'It's the History Man' will take us on a tour of Compton, explaining the area's history and conducting geographical field work. We will also go to Milestones Museum for a World War 2 experience. We will walk, over the Downs, to Up Marden Church on a 'pilgrimage' and to learn about local Christianity.

At home, you can follow the path of a river or canal. Visit Stanstead House, where evacuees were housed, and research into the life of a child in World War 2.