

YEAR 6

Term 6

Spring 2025

Key Vocabulary

English – survival, adapt, vary, evolve, myriad, extinct

Maths – profit, loss, budget, convert, rate; value

Computing – Micro:bit, MakeCode, input, sequence, variable, flashing, USB,

Science – variable, hypothesis, comparative, enquiry, justify, precision

History – propaganda, barrage, conscription, Luftwaffe, Blitz, patriotism

DT – corrugation, lamination, rigid, truss, aesthetics, stability

RE – predestination, Jannah, Jahannam, Zakat, Hajj, Salah, Sawm, Sahada

English

Getting scientific in our English journey this term, we will be writing a text to explain species variation and adaptation. Using our prior and current science knowledge, we will explore *Charles Darwin's Origin of the Species*, before choosing our own animal to track through evolution. In our writing, we will consider:

- Level of formality – audience and purpose
- Different sentence structures to create flow and pace
- Different sentence and paragraph openers to build coherence
- Chronological order to explain in a logical manner

Mathematics

In Year 6 Maths, we will be working on different projects, which will provide an opportunity to revisit the skills and knowledge taught throughout KS2. Exploring maths in real life contexts, will allow us to see how important maths is in all aspects of life. Also, we will be linking our learning to other areas of the curriculum, such as DT and geography, as well as providing a great opportunity to develop enterprise. Some of the skills we will cover are:

- Best value; profit and loss; cooking problems
- Climate and distance graphs; budgets; time problems
- Conversion; bills; mortgages

Science

With our Thameside Science journey coming to an end, we will be exploring our learning from across the year. Using our prior knowledge, we will participate in a variety of enquiries to practise investigation skills, such as: observation, classification, recording and analysis of data, as well as drawing conclusions.

Computing

Using the micro:bit and Make code environment, this project will support us in moving from KS2 to KS3, facilitating a smooth progression between primary and secondary computing education. This unit ensures curriculum continuity, whilst familiarising students with the new school environment, teachers, and classmates.

Religious Education

In RE, we are focussing on Islam and are learning that the concept of Jihad can be interpreted differently leading to different actions and consequences. We will consider many viewpoints to answer the question: Does belief in Akhirah (life after death) help Muslims lead good lives?

PE

This half-term, we will be participating in a variety of games and disciplines – Rounders, Athletics, Tactical invasion games and a little bit more dance! We will continue to work on many skills, including: co-ordination and balance; collaboration; changing direction and dodging; working effectively with others, as well as building confidence to challenge ourselves.

Spanish

This half-term, we will create our 'Read All About It' newspaper-style piece of writing, covering a variety of topics they have previously learned. We will then explore a mocktail recipe and write our own, including ingredients and instructions, as well as use our language detective skills when trying a lesson in French.

History

In this unit, we will research and compare the impact of the First and Second World Wars on the region; the focus of the sessions is on the Home Front and how the wars impacted on the community.

DT

This term, we will be looking at bridges and how different shapes in the structure increase the strength of the bridge span. In particular, we will explore arch and beam, and truss bridges. At the end of the project, we will test our bridges with weights to test their strength.

PSHE

In PSHE, we will be exploring how our bodies are changing and what this means for our emotional and physical health. We will discuss how and why our bodies prepare for adulthood, becoming able to reproduce and explore what this actually means. As part of this unit, we will consider healthy relationships, intimate and platonic.

Music

We will be learning and performing a song *Happy Memories*, adding our own verse to complete the song. Accompanying our two-part harmony singing, will be rock and percussion coda which we will be playing.

Eco Project

We will be working with Climate Ed to consider Carbon Literacy and Climate Action. The aims of the project are to: Increase carbon literacy among children. • Inspire children and their families to take action to reduce their emissions. • Reduce climate anxiety among children. • Improve dialogue and collaboration between adults and children about climate change.

