

Year 4 Summer Term
What will we learn this term?

English

In English we will be learning how to write instructions for making an Egyptian Mummy, how to write free verse poems with expanded noun phrases and how to write stories from other cultures including varied characters, settings and plots.

Maths

Fractions

In this chapter pupils will be introduced to hundredths. They will learn about mixed number fractions and improper fractions. They will learn how to convert between mixed numbers and improper fractions. They will learn how to add and subtract fractions and will solve addition and subtraction word problems.

Decimals In this chapter, pupils will learn about tenths and hundredths. They will learn how to count, order and record the decimals in different ways. They will begin to see the equivalence between tenths and hundredths, and will be able to compare and order the numbers. Pupils will learn to continue linear number sequences as well as round decimals to the nearest whole number. They will also link tenths and hundredths with dividing by 10 and 100.

Money: In this chapter, pupils will learn how to count and record in pounds and pence. They will make links between tenths and hundredths, and decimal notation for money. They will learn how to compare amounts of money by looking at significant digits, and by converting amounts from pounds to pence, and vice versa. Pupils will be taught how to round money to the nearest pound and understand contexts — in which this would be a useful skill to know. They will use this skill to estimate amounts and totals. They will apply these skills to problem-solving situations, finding totals and calculating change. They will also learn how to visualise a money problem using a bar model and begin to explore unequal sharing in the context of money.

Length, Mass and Volume: In this chapter, pupils will learn how to estimate and measure mass, volume and length. They will learn how to convert units of measure from larger to smaller, and vice versa. Pupils will also be taught how to measure perimeter using centimetres and millimetres. They will use their knowledge of measures to solve problems involving all three aspects of measurement.

Area: In this chapter, pupils will learn about the concepts of area and perimeter. They will measure area by measuring surface coverage, e.g. counting squares before measuring area by using multiplication. They will find areas of figures that have squares and rectangles by counting and visualising. They will learn how to apply their knowledge of finding area to figures in different orientations.

Geometry: In this chapter, pupils will learn about types of angles. They will name and compare angles, and use this information to help when classifying triangles and quadrilaterals. Pupils will explore symmetry and symmetrical figures before applying this knowledge to the completion of symmetrical figures. They will draw lines of symmetry on shapes and figures, and will combine this knowledge and understanding to sort a variety of 2D shapes.

Science

Electrical Circuits and Conductors: This project teaches children about electrical appliances and safety. They construct simple series circuits and name their parts and functions, including switches, wires and cells. They investigate electrical conductors and insulators and identify common features of conductors. It also teaches children about programmable devices. They combine their learning to design and make a nightlight.

Computing

Computing Systems and Networks: In computing children will apply their knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure. They will learn that the World Wide Web is part of the internet, and will be given opportunities to explore the World Wide Web for themselves in order to learn about who owns content and what they can access, add, and create. Finally, they will evaluate online content to decide how honest, accurate, or reliable it is, and understand the consequences of false information.

History

Ancient Civilisation: This project teaches children about the history of three of the world's first ancient civilisations: ancient Sumer, ancient Egypt and the Indus Valley civilisation. Children will learn about the rise, life, achievements and eventual end of each civilisation.

Art

Statues, Statuettes and Figurines: This project teaches children about the 3-D representation of the human form, including statues, statuettes and figurines. They study examples from ancient civilisations, and use their clay skills to create a Sumer-style figurine.

Design Technology

Tomb Builders: This project teaches children about simple machines, including wheels, axles, inclined planes, pulleys and levers, exploring how they helped ancient builders to lift and move heavy loads.

PE

PE Day: Wednesday Morning

Summer 1: **Swimming** Summer 2: **Swimming**

RE

In RE we will learn about living by rules and about being temperate, self-disciplined and seeking contentment

Key themes we will discuss include;

Living by rules

Are rules helpful, in everyday life? What rules are important for Jewish people?

What are two important rules for Christians?

What rules do followers of Islam say are important?

Being temperate, self-disciplined and seeking contentment

Who do we allow to shape our behaviour? How have famous Christians, Hindus and Muslims changed their lives and the lives of others?

How does being a Rastafari alter the way you live?

In what different ways do Christians and Buddhists live self-disciplined lives?

PSHE

Relationships: Jealousy, Love and loss, Memories and getting on.

Changing Me: Unique me and change.

Music

In music we will learn to sing, play, improvise and compose with the well-known song Blackbird. We will revisit our learning which is focused around revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.