

MATHS

Children will be taught to:

Addition and subtraction

- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

Fractions (including decimals)

- recognise and show, using diagrams, families of common equivalent fractions
- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- recognise and write decimal equivalents.
- round decimals with 1 decimal place to the nearest whole number
- compare numbers with the same number of decimal places up to 2 decimal places
- solve simple measure and money problems involving fractions and decimals to 2 decimal places

Measurement

- convert between different units of measure
- measure and calculate the perimeter and area of a rectilinear figure
- estimate, compare and calculate different measures, including money in pounds and pence
- read, write and convert time between analogue and digital 12- and 24-hour clocks
- solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days

ICT

Our ICT focus will be the use of Microsoft Office to create posters and PowerPoints to display and present work. The children will continue to practice their typing skills as well as, learn to edit and manipulate text, add images and customise animations.

HISTORY

Throughout the term the children will be developing their knowledge on the Stone Age. They will research, compare and contrast the lives of Stone Age humans against our lives today. X-curricular links will be made with our writing focus of setting and character descriptions. After half term, we will focus on our local history, studying Stonehenge, how it was built, and the materials used.

GEOGRAPHY

In the first half of the term, we will be studying 'Extreme Earth' learning about the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes. Through discussion and practical tasks, children will learn about how and why these natural phenomena occur, and the ways in which they affect people and the environment.

In the second half of the term, our topic will be 'All around the World'. This will allow us to take a closer look at where the countries of the world are located and find out about some of the important lines that delineate specific areas of the Earth.

SCIENCE

Our Science topic will be 'Forces and Magnets', where we will observe how magnets attract or repel each other and investigate different magnetic materials. The children will observe that magnetic forces can act without direct contact, unlike most forces and will explore the behaviour and everyday uses of different magnets. When looking at forces, we will compare how things move on different surfaces, measuring, gathering and recording information scientifically.

After half term, we will be focusing on 'Animals including humans'. Pupils should be taught to identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. As well as, identify that humans and some other animals have skeletons and muscles for support, protection and movement

YEAR 4

Spring Term 2019

Art/DT

The children will be developing their skills of using perspective, when creating art with a range of mediums.

ENGLISH

Reading

Children will be expected to read fluently and clearly independently and aloud to the class. They will discuss words and phrases that capture the readers' interest and imagination and draw inferences and justify these with evidence. By studying the text, we will identify how language and structure contribute to meaning.

Writing

Throughout the term, we will analyse and discuss different text types. These will reflect the text they will be writing, learning from its structure, vocabulary and grammar. An emphasis will be placed on children, assessing the effectiveness of their writing. Ensuring they are proof-reading for spelling and punctuation errors and suggesting improvements, to up-level their writing.

P.S.H.C.E.

This term we will have a strong focus on our Prep production. Children will be learning their lines and building their confidence when speaking publicly.