



Curriculum Overview



Year 5

Global Learning



Ancient Egyptians

The children will look further into the life of the Ancient Egyptians. They will understand where in history this time period fits and find out about daily life and Ancient Egyptian beliefs. They will look at where Egypt is and its geography along with why people might want to visit there. They will further explore the life of Tutankhamun and Howard Carter and the importance he plays in what we know today through his discovery.

As part of our learning about our local area this term, children will be learning all about Birmingham and what makes our city great. They will learn about Kingshurst and the surrounding areas and also about the local landmarks and the cultural history associated Birmingham. Individual classes will visit local points of historical enquiry to develop children's ability to ask pertinent questions about the past, analyse evidence, think critically, appreciate different perspectives and develop informed judgements.

RE



Creation

They will know that there are two stories of Creation in the Book of Genesis. Understand what being made in the image and likeness of God means and the responsibility to use our God given talents.

Miracles And Sacraments Of The Sick

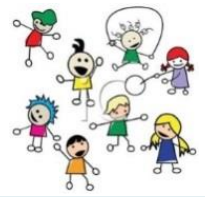
The children will know a number of miracles of Jesus and identify how his actions brought change to people's lives. Know about some places of pilgrimage and prayer for the sick. Understand that the Sacrament of the Sick is an important celebration for those who are ill.

Advent

The children will know and understand that Christians prepare to remember the first Coming of Christ and prepare for his Second Coming during Advent.

PE

Cricket, Leadership/Outdoor Adventurous Activities & Gymnastics



Computing



Using the internet can be great fun as well as a great place to access lots of information needed to help support learning. But just like there are dangers in the real world, there are things to be careful of when you're online. During this term, the children will be learning about e- safety and developing their skills and knowledge in finding out about how to keep themselves safe when online. The children in Key stage 2 will have the Smart Crew to help them develop their awareness of e safety. During these sessions the children will watch videos which will pose some interesting scenarios for the children to find the answers to and provide them with the information needed be 'SMART' online.

P.S.H.E

Celebrating Difference



This half tem will see Year 5 working together to explore the idea that we make judgements based on people's appearances and the influences that may surround this. Through collaborative learning, the children will discuss all aspects of bullying; exploring attitudes towards people from different races as well as understanding how rumour spreading and name calling can be a bullying behaviour.

Science



Earth and Space

Children will be able to describe the movement of the Earth, and other planets, relative to the Sun in the solar system and describe the Sun, Earth and Moon as approximately spherical bodies. They will know that the Solar system contains the Sun, Moon, Earth and other planets and the pattern they are ordered in. They will be able to use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Mixtures and Reactions

Pupils will study dissolving and learn how to recover materials from a solution. They look at other methods of separating mixtures and carry out an investigation on "sewage" to clean it up before discharge into a river. They investigate chemical reactions including burning and use a key and a series of simple tests to identify some mystery powders. They learn about reversible and irreversible changes and they create a drama about the life of a famous materials scientist.

English



Finding the Boy King

This multi genre unit is linked to the study of Ancient Egypt and engages pupils in reading and writing a wide range of on-line and book based texts exploring the discovery of Tutankhamen's tomb.

Traditional Stories From Other Cultures

In this unit pupils explore several traditional stories from different cultures, written in a contemporary style. They become more familiar with the different structures of stories and the range of literary devices authors use to involve and engage the reader. Pupils will apply what they learn to further develop their language and writing skills.

Maths



Number : number and place value

- read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

Number: addition and subtraction

- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- add and subtract numbers mentally with increasingly large number
- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Number : fractions (including decimals and percentages)

- compare and order fractions whose denominators are all multiples of the same number
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{7}{4} + \frac{3}{4} = \frac{10}{4} = 1\frac{3}{2}$]
- add and subtract fractions with the same denominator and denominators that are multiples of the same number
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{5}$, $\frac{2}{5}$ and those fractions with a denominator of a multiple of 10 or 25.

Maths



Measurement

- understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes
- use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling
- **Geometry : properties of shape**
- know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- draw given angles, and measure them in degrees (°)
- identify:
- angles at a point and one whole turn (total 360°)
- angles at a point on a straight line and / a turn (total 180°)
- other multiples of 90° use the properties of rectangles to deduce related facts and find missing lengths and angles
- **Statistics**
- complete, read and interpret information in tables, including timetables.

Music

Year 5 have guitar tuition this term.



Art

Skills Focus - sketching



