

English

We will be basing our Literacy on the exciting theme of ancient Egypt. The children will be writing in a number of styles including instructions, newspaper reports, narratives and non-fiction.

Key texts include: The Red Pyramid by Rick Riordan, Secrets of a Sun King by Emma Carroll, The Time Travelling Cat by Julia Jarman, The Egyptian Cinderella by Shirley Climo and The Story of Tutankhamen by Patricia Cleveland-Peck.

Grammar, punctuation and spelling relevant to each year group will be covered through these exciting genres.

Geography/History

Enriched by our visit to Brighton Museum, the children will learn about the life and achievements of the ancient civilisation of Egypt. They will develop an understanding of how and where the ancient Egyptians lived, daily life and social hierarchy, who Tutankhamun was and ancient Egyptian beliefs about gods, death and the afterlife. The children will also learn about how Egyptian people used hieroglyphs to communicate. Children will end the unit with a 'classroom museum' displaying and discussing what they have learnt.

R.E

Pupils will use stories of Moses and Jesus to explore how Jews and Christians today celebrate key events from their history (e.g. in Passover and Lent). This topic will be enriched by our Rainbow Theatre visit.

Science

Kestrels: Light- The children will recognise that light appears to travel in straight lines and explain that objects are seen because they give out or reflect light into the eye. They will use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. They will also investigate what happens when light travels through water or prisms and experiment with using different coloured filters to find out how this affects the colours we see.

Foxes: Properties and changes of material- The children will look at separating, filtering, sieving and evaporating solids, liquids and gases. The children will learn about reversible changes of state such as dissolving and irreversible changes such as burning. Children will understand the properties of everyday materials and their uses.

Roe Deer and Badgers: The digestive system- Children will study how their body digests food and gains nutrients. They will learn to name the different parts of the digestive system and their roles in the body. We will also study teeth and types of teeth and their roles in the body.

Caterpillars: Animals including humans- Children will learn that animals and humans need food to provide nutrition because they cannot produce their own food. The children will understand how the skeleton and muscles of the body support, protect and help animals and humans move.

Computing

Children will begin the year by recapping and deepening their understanding of using the internet safely and responsibly. This will include the dangers of sharing personal information, the positives and negatives of social media, information and discussion about cyberbullying and what to do if they are uncomfortable with anything they come across online. The children will agree to use the internet safely and responsibly using the knowledge they have learnt.

Children will also recap the basics of word processing, including saving and opening documents, editing font and importing images.

Ancient Egypt

Cycle 1 - Autumn Term

Design and Technology

Children will be learning about the ancient Egyptian 'Shaduf' system for lifting water and looking at different lever mechanisms. They will be designing, making and evaluating their own levers.

PSHE

Our theme for assemblies and circle times will be 'New Beginnings' and 'Golden Rules'.

PE

The children will be working on skills related to invasion games such as rugby, football, hockey and basketball. Children will also be learning and piecing together movements to create an Egyptian themed dance.

Art

The children will be exploring and recreating ancient Egyptian art. The children will analyse the importance of symbols and storytelling in ancient Egyptian artwork. The children will be enlarging a line drawing using squared grids to produce a large final piece, finished with paint and oil pastels.

Music

Year 3 and 4 will be looking at rhythmic notation using crotchets, quavers, minims and rests in order to read, clap and write simple rhythm patterns so they can learn to play a piece on the glockenspiels.

Year 5 and 6 will be using the rhythm of words to create their own compositions.

English

Our Literacy lessons this term will be using key text 'Stig of the Dump' by Clive King as a stimulus. The children will explore the following genres of writing: descriptive writing, diaries, play scripts, instructions, informal letters and dialogue within narrative. The children will also have specific grammar focuses during our grammar sessions which will be reinforced during Literacy. The age related national curriculum grammar objectives can be found on the school website.

Art

Children will be learning about colour mixing and tonal value. They will focus on the work of Paul Klee who is described as the 'master of colour'.

Design and Technology

Children will be studying architecture throughout the ages and how designs have evolved. They will be designing and making a roundhouse using the 'wattle and daub' technique.

History

Through examining artefacts, asking questions, research and role play, children will understand the term 'prehistory' and how we can learn about it using a range of sources. The children will learn about the chronology of key areas of the Stone Age, Bronze Age and Iron Age including diet, transport, homes, tools and discovering how and why key aspects of life changed during that time. They will be encouraged to ask questions and piece together evidence to make assumptions about the past.

Talk for learning

The children will be learning greater oral techniques to aid deeper learning and comprehension. They will be discovering the secrets of Stonehenge through discussion and exploration.

Science

Y3/4: Forces - This unit gives children experience of forces, including pushes and pulls, attraction and repulsion between magnets, compression and stretching of springs and stretching of elastic bands. They will learn that these forces have direction and can vary in size. They also learn which materials are attracted to magnets.

Light and Shadows - In this unit the children will be introduced to the relationship between light, an object and the formation of shadows. The children will observe the apparent movement of the Sun and the associated changes in shadows.

Y5/6: Interdependence and adaptation: This topic will discuss how fossils are evidence of life millions of years ago and study the life of Mary Anning. The children will compare offspring with parents and use their own families to analyse the similarities and differences they share with their parents. The children will see how plants and animals are adapted to different habitats. The children will look at Darwin and Mendel's (Plants) contribution to our understanding of evolution.

Rock of Ages

Cycle 1 - Spring Term

Music

Children will be composing music for the purpose of communication, exploring musical conversations through improvisation - call and response. They will learn how to record compositions using musical notations.

ICT

The children will be learning the basic skills needed for computer programming. They will develop an understanding of code using ipad apps and will eventually move on to specific programs which enable more complex coding. Areas that will be covered are: code, debugging and an understanding of how this is used in the wider world.

P.E

Children will be exploring a range of movements in Gym using floor work, apparatus, individual and partner work. They will also be extending their knowledge of games and teamwork through a range of activities and sports.

Religious Education

The children will be studying the Christian festival of Easter. They will be looking at the rights, symbols and significance of it within the Christian calendar.

English

We will be covering a range of genres this term:

- Narrative dialogue based on Rudyard Kipling's 'The Jungle Book'
- Letter writing based on the story of 'The Great Kapok Tree'
- Biographies on jungle explorer Bear Grylls
- Explanation texts based on the 'Just So Stories' by Rudyard Kipling
- Poetry in relation to the movement of animals
- Debates and discussion writing about Zoos.

PSHCE - Over the course of this term the whole school will be exploring three key themes:

- 1- British Values
- 2- Healthy living and staying healthy
- 3- Living in a diverse world

The teaching of these concepts will take place in assemblies and class circle times.

Art - In this unit of work the children will be practising their observational drawing skills, press printing technique and painting using watercolours. They will work individually and collaboratively in groups to create a rainforest scene. They will explore the use of colour, shape, texture and pattern.

Design and Technology - Children will be developing their own flatbread recipe. They will be researching different packaging techniques and understanding the importance of using sustainable materials in designing their own and will then develop a marketing strategy for their product.

Science -

Y3/4-Rocks and Soils - The children will compare and group together different kinds of rocks on the basis of their appearance and simple physical properties, describe in simple terms how fossils are formed when things that have lived are trapped within rock and recognise that soils are made from rocks and organic matter.

Y5/6 - Earth and Space - The children will describe the movement of the Earth, and other planets, relative to the Sun in the solar system, describe the movement of the Moon relative to the Earth, describe the Sun, Earth and Moon as approximately spherical bodies, use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Rainforests

Cycle 1 - Summer Term

P.E - The children will continue to develop their skills in a range of sporting areas including; athletics, tennis and gym.

ICT - The children will be learning how the internet can provide multiple opportunities to communicate and collaborate. The children will learn how to send emails and create internal blogs. The children will be reminded how to act safely, respectfully and responsibly when using the

R.E -

In this unit the children will learn about religion in their local area. They will develop their understanding of the ways in which individuals and communities express their religious identity. The children will also deepen their knowledge and understanding of the main world religions in terms of beliefs, symbols, places of worship, food, clothes, festivals and celebrations.

Geography-

Children will be able to locate the world's rainforests on a map. They will locate The Equator and Tropics of Cancer and Capricorn and know that tropical rainforests are situated within them. They will be able to draw comparisons between our own local environment and the rainforest environment. They will be able to describe in detail the key features of a rainforest environment, including its climate, geographical features and inhabitants. They will understand that the rainforests are under threat and that people can improve and damage the environment through their actions. They will use primary and secondary sources of information to conduct investigations and communicate findings using appropriate geographical language.