



KNOWLEDGE ORGANISER

YEAR: Year 4

TERM: Lent Term

TOPIC: A Land Far, Far Away

COMPUTING

Digital Literacy: The children will discuss online safety and begin to evaluate online resources for inaccuracies and trustworthiness.



Programming: The children will collect weather data using different measurement techniques (analogue and digital) and use computer-based data logging to record the data. The children will use spreadsheets to create charts, analyse data and make predictions.

PSHE and RSHE

Me, My Body, My Health – The children will learn to celebrate similarities and differences, and to appreciate and look after their bodies as gifts from God. They will also learn about physical and emotional changes during puberty, and that growing from boys and girls to men and women is part of God's loving plan for creation.



SCIENCE

Electricity – The children will recognise what makes an object an 'electrical appliance' and will learn how to keep themselves safe around electricity. The children will investigate and create their own circuits, considering how to start and stop the flow of electricity through the use of a switch.

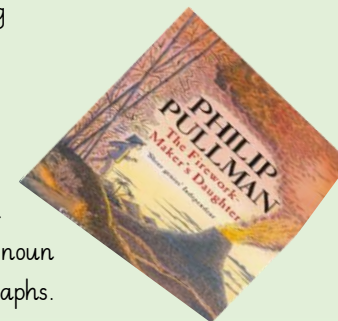
States of Matter – The children will begin to understand the physical nature of materials and how they behave in different conditions. Throughout both topics, we will continue to explore how to 'work scientifically'.



ENGLISH

The children will be reading the book 'The Firework Maker's Daughter' by Philip Pullman. The children will be looking at features of diary writing. They will then write a diary as the character of Lila, describing her journey to find the terrifying Fire-Fiend!. The children will also research and learn about the features of a leaflet, in order to create their own leaflet about China. They will include information about Chinese culture and the geography of this amazing country. This will link with the learning in the Creative Curriculum.

Throughout all their writing, the children will be using a variety of punctuation marks, such as, speech and exclamation marks. They will be developing their sentence structures by including fronted adverbials and expanded noun phrases. They will also organise their writing into paragraphs.



MATHS

This term the children will be securing their place value and multiplication and division. The children will begin to look at fractions and decimals

This will include:

- Multiply and divide by 10, 100
- Multiply and divide 2/3-digit numbers by 1 digit.
- Perimeter of regular and rectilinear shapes
- Convert mixed and improper fractions
- Recognising tenths and hundredths as fractions and decimals
- Divide 1/2 digit numbers by 10 and 100.



Times tables: To learn our multiplication tables up to x12 and associated division facts.

REMINDERS

Spelling, grammar and maths homework will be set weekly. Read your reading book four times a week.





KNOWLEDGE ORGANISER

YEAR: Year 4

TERM: Lent Term

TOPIC: A Land Far, Far Away

Creative Curriculum



This term, the children will explore the continent of Asia, with the main focus being China and its fascinating history, particularly the Shang Dynasty. They will make comparisons between home and this land, far, far away. They will find out about the geography of China and research some of its many natural and man-made features. The children will explore the culture of China and consider why so many tourists choose to visit. Much of this work will be linked to our English and the creation of a leaflet about China.

P.E.

This term, the children will be learning:

Basketball – passing and intercepting the ball

Multi-skills– developing hand-eye coordination

Gymnastics – travelling, balancing, rolling

Swimming – basic strokes, water safety

After February 4^{OR} and 4^{MM} will begin swimming lessons, each Wednesday, until the end of the School year.



Art

The Four Gentlemen



The 'Four Gentlemen' of Chinese gardens are bamboo, orchid, plum blossom, and chrysanthemum and this term, the children will have a chance to recreate these brushstroke techniques in our Art lessons using a range of thick and thin brushes and water colours. They will eventually apply these skills when creating their own Chinese lantern.

D.T.

This term, the children will create a light up skyline (building upon our knowledge of circuits in Science) of a famous Chinese city and will construct a wooden frame to attach this to. Children will be using wood, handsaws and sandpaper and will explore ways to hold their wooden pieces together. This group activity will promote team-building, and enhance their collaborative skills.



MUSIC

We will be learning how to layer rhythms and syncopation.

