

Year 3

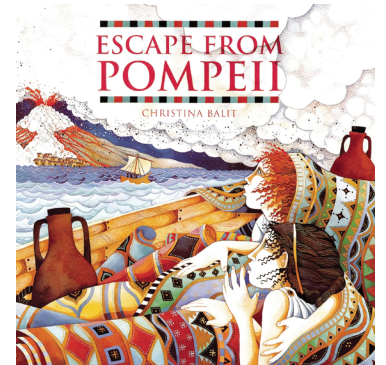
Quartz Class

Spring 2023

I hope you all had a lovely break and are looking forward to the new year. We have plenty of exciting opportunities planned over the coming term for the children in Quartz class.

English

After half term we will be focusing on stories with a historical context; after immersing ourselves in stories set in Roman Times, both Roman Italy and Roman Britain, we will be writing from the perspective of different characters in a story. Within our stories, we will be working on making ambitious word choices and using accurately punctuated direct speech. In the latter part of the term, we will also be learning about information texts and more specifically, non-chronological reports. We will analyse the way captions and headings are used in this text type. We will be creating our own non-chronological reports about an aspect of life in Roman Britain.

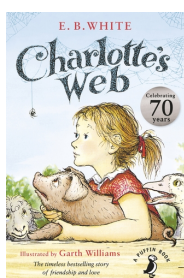


After half term, we will be studying poetry, more specifically, list poems and kennings. This will be a great opportunity for the children to be creative with their ideas and also practise using their speaking and listening skills to perform their poems. We will also be studying diary entries and considering the features of a diary entry such as using first person, including thoughts and emotions as well as humour and opinion.

Throughout the terms, we will be continuing to study specific aspects of grammar work. We will be focusing on prefixes and suffixes then moving on to sentence types and use of apostrophes for both possession and omissions. In addition to this we will continue to have four weekly spelling topics in which we will practise and embed a specific set of spelling rules.

Reading

During our reading lessons this term we will be continuing to read Stig of the dump. As we do so, we will be working on our inference skills by drawing conclusions based on what we have read and justifying our thoughts using evidence from the text. We will also be working on our summarising skills by discussing the level of importance of different events in the story and predicting what will happen next based on our knowledge of prior events. We will then return to the non-fiction genre by reading DK Findout - Ancient Rome. We will be focusing on the skills of retrieving and recording information and summarising the main ideas of a text. We will also be participating in discussions surrounding new vocabulary.



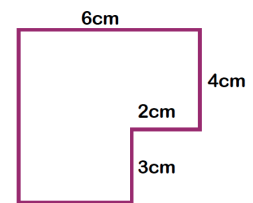
After half term, we will be reading Charlotte's Web by EB White. Whilst reading this text, children will practise reading aloud using intonation. We will be thinking carefully about how we can make inferences of a character's feelings, thoughts and motives based upon their actions. We

will also be practising answering different styles of questions that require us to use the skills we have learnt so far this year based upon Charlotte's web and high quality texts.

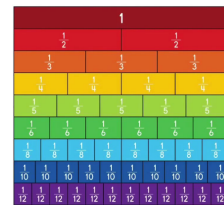
Maths

In Maths this term will begin by consolidating our knowledge of the 2, 4 and 8 times tables and the relationship between these times tables. We will then move on to using our knowledge of multiplication facts to multiply 2 digit numbers by 1 digit numbers using the grid method and short multiplication. Following on from this, we will use our multiplication knowledge, as well as our knowledge of division and fact families to divide two digit numbers by 1 digit numbers.

After this, we will learn about length and perimeter; we will begin by measuring using metres, centimetres and millimetres and use our knowledge of multiplying and dividing by 10 and 100 to aid us in finding equivalent measures. We will practise converting between metric units of measurement (m to cm and cm to mm) before comparing, adding and subtracting lengths. Following on from this we will be learning what the perimeter of a shape is and how to measure and calculate it.



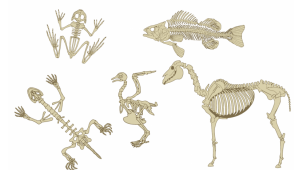
After half term we will begin by learning about Fractions, we will explore what a fraction is and what a whole is and work to make sure we have a solid understanding of numerators and denominators. Following on from this, we will explore the difference between unit and non unit fractions and make sure we can count in fractions using a numberline and recognise equivalent fractions using bar models and number lines to aid us.



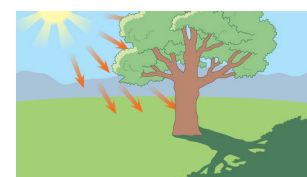
We will then move on to Mass and Capacity. During this unit of work we will be measuring in grams and kilograms as well as litres and millilitres then comparing, adding and subtracting different weights and capacities.

Science

This term in science, we will move on to our new topic of Animals including Humans. We will begin by considering the nutrients and diets that humans and different animals need in order to function. We will then move on to consider the differences between vertebrates and invertebrates and classifying vertebrates as those with an endoskeleton and those with an exoskeleton. After this we will be focusing on the human skeleton in more detail, we will begin by exploring the functions of the human skeleton and why we need it. Following on from this we will be learning both the common and scientific names for bones in the human body and labelling these on a human skeleton. We will then explore the way muscles and joints work to allow us to move.



After half term, we will be learning about light in science. We will explore how light can be reflected off different surfaces such as mirrors as well as investigating the way shadows are formed when light is blocked by an opaque object. We will be thinking about



how the position and relative distance of light affects the size of a shadow and children will have the opportunity to conduct their own shadow investigations. Throughout our science learning, we will be focusing on working scientifically through making predictions, setting up reliable investigations, recording our results and drawing our own conclusions. We will also be working hard to ensure we use scientific vocabulary both orally and within our experiment write ups.

Humanities

History

After half term, we will be learning about Roman Britain. We will begin by placing events of the Roman invasion chronologically on a timeline considering where these events fall in relation to the Stone Age, Bronze Age and Iron Age. We will explore how and why the Roman Empire grew and what life was like for soldiers in the Roman Army. We will also consider how life in Britain changed during Roman reign and how Britain today is shaped by the Roman Occupation and the legacy Roman's left behind. We will then explore who Boudicca was and the role she played in resisting the Romans. We will end this topic by exploring why the Romans left Britain. Throughout this topic we will be drawing evidence from a variety of sources and considering what we can learn from these different sources.



Geography

After Half term, our Geography topic will be a country study of India. We will begin by locating India on an Atlas and identifying its bordering countries, seas and oceans. As well as continuing to use an atlas to locate India's physical features, we will use digital mapping (google maps and google earth), to look at satellite and terrain maps of the country. We will explore the different pros and cons of these map types and will be finding physical and man made features and landmarks. We will then be considering what makes an area urban or rural and locating both urban and rural areas of india. Once we have explored these areas, we will consider the similarities and differences between population, settlement types, living conditions and land use in an urban and rural area. We will then compare life in a rural Indian village with life in the UK



RE

In RE this half term we will be learning about Hindu Beliefs. We will be exploring the Hindu belief in Brahman and the deities that represent different aspects of Brahman. We will then move on to learning about Hindu belief in Karma and the cycle of rebirth. We will consider how this may impact on how a Hindu may choose to live their life.

After half term we will be learning about Christianity with a focus on Easter and Forgiveness. We will be considering how people can help or rescue others who are in a difficult situation before we think about what forgiveness means. We will explore why Christians believe the death of Jesus mattered and will formulate our own views on this

Art and Design Technology

Art



This half term, we will be learning about printmaking in Art. We will be exploring the work of William Morris and forming our own opinions on his work. We will find out about and experiment with different printing techniques then we will then create our own designs inspired by William Morris in our sketchbooks and impress these on printing blocks to create our own repeated pattern print designs.

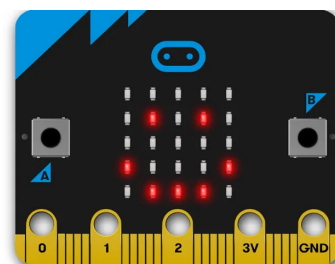
DT

After half term, we will be working on a Food Technology project of designing and making our own vegetable samosas. As a part of this project, we will be tasting different vegetable samosas and finding out about the different ingredients. We will then be designing our own samosas, thinking carefully about the shape, pastry, and filling we choose. To make our samosas, we will be using skills of chopping, peeling, grating and mashing. Afterwards, we will evaluate our samosas.



Computing

In computing this half term, we will explore programming with particular emphasis on creating sequences of music. As part of our learning, we will be using micro:bits for coding. We will be learning to code LED lights in different sequences and develop audio tunes using the micro:bit coding software. For our E-Safety learning this term, we will be learning about online reputations and thinking carefully about what people should and shouldn't share online and who one must ask before sharing information online. We will also be learning about online bullying and thinking about how one must conduct themselves online and what behaviours are appropriate or inappropriate. We will be learning about where to get support if we experience any forms of online bullying also.



After half term, we will be exploring branching databases and using these to classify different types of vertebrates and invertebrates. We will explore what branching databases are, how they are structured and why they are useful. We will create our own branching databases to make our own classifications. For our E-Safety learning, we will be looking at managing information online.

PE

Indoor PE - Gymnastics and Dance

This half term, we will be focusing on Gymnastics during our PE lessons; We will be exploring different ways of travelling, jumping, rolling and balancing with a particular focus on stretching, arching and curling our bodies to create more complex balances.

We will be putting our moments together in sequences to create our own routines. After half term, we are going to be learning about the bollywood style of dancing that India is renowned for; Children will learn some traditional bollywood dance movements and work in small groups to put these moves into their own motifs and movement phrases using canon, unison and mirroring. We will work to perform our routines to other groups with confidence as well as an awareness of expression and rhythm.

Outdoor PE

During our outdoor PE lessons over the next term, we will be focusing on invasion games; netball, basketball and hockey in particular. Whilst learning the basic principles and rules of these sports, we will be working on our communication and teamwork skills. We will also be thinking about playing tactically and applying attacking and defending principles within our game play.



PSHE

In PSHE this half term we will be considering making informed decisions regarding balanced life styles. We will be learning about the importance of eating a balanced diet, exercising and staying healthy. We will also be learning about minimising risk of spreading diseases. After half term, we will be learning about different types of partnerships. We will explore different types of relationships including those we have with our friends, acquaintances and families. We will also learn about different family structures.

MFL (Modern Foreign Languages)

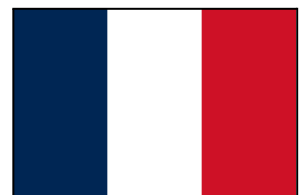
Spanish

This half term we will be returning to our spanish learning and focusing on 'mi familia' we will be learning the words used to refer to our family members in Spanish and learn to talk and write about our family members. We will be learning to ask for, and give basic details about someone also.



French

After half term, we will return to our French learning and we will be focusing on the french alphabet and french phonics. This will really help us to read and pronounce words accurately in French as we continue to learn the language. We will also be learning to sequence, recognise, read, write and pronounce numbers 1-20 in French.



If you have any questions, please do not hesitate to contact us.

Miss Findlay (Year 3 teacher KAB - Quartz Class)