

## Year 4 Curriculum Overview

4<sup>th</sup> September 2023 – 20<sup>th</sup> October 2023

### Science

#### Teeth and Digestion in Humans and other Animals.

We will be learning all about human teeth and how and why it is important to keep them clean and healthy. We will also be finding out why animal teeth vary depending on their diet. We will discover what happens to our food once we have used our teeth to chew it! The children will be working scientifically to set up and carry out a range of scientific investigations to build on our skills from Year 3.

**Key Vocabulary** – fair test, variables, measure, evaluate, teeth – molar / canine / incisors, digestive system – mouth / oesophagus / stomach / liver / intestines / colon / rectum, diet, carnivore, herbivore, omnivore.

### PSHE

This half term, the children will be learning how to recognise positive relationships, respect difference and manage any friendship or peer group difficulties.



### Physical Education

In outdoor PE the children will be improving their striking and fielding skills in Cricket. Our Gymnastics topic for indoor PE will be Egyptian Balances, in which we will develop our poise and control in a range of balances.

### History

We will be exploring our History topic of **Ancient Egypt**. The children will learn about the significance of The Nile for early Egyptian settlers, the customs & beliefs of the Ancient Egyptians and their every day life. We will be making links with other ancient civilisations contemporary to Ancient Egypt. Our **ASHMOLEAN MUSEUM TRIP** is **Tuesday 10<sup>th</sup> October** we will hold our **Egyptian Day** to further engage the children and enrich their enjoyment of the topic on **Wednesday 15<sup>th</sup> November**. Children, staff and adult helpers will be invited to dress as Ancient Egyptians for the day!

**Key Vocabulary** – chronology, timeline, beliefs and customs, settlers, mummification, afterlife, gods and goddesses, civilisation, hieroglyphs, tomb, pyramid, pharaoh, archaeologist, historian, Egyptologist.

### Music

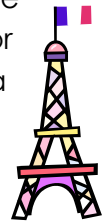
Linked with their History topic, the children will learn a song about Ancient Egypt. They will use a pentatonic scale, also known as an Egyptian scale, to compose a melody and accompaniment.

### Religious Education

Children will explore the idea of Jesus as divine by studying some of the miracle stories found in the Bible.

### French

The children will revisit greetings and revise numbers up to 31. They will learn the months of the year in preparation for answering the question, 'Quelle est la date de ton anniversaire?'



### DT

#### Eating Seasonally

This half term, the children will be exploring what it means to eat seasonally. They will be learning how to make pastry, cooking a seasonal dish, and researching and creating their own seasonal recipe. We may ask children to bring in recipes books and even try out some of our recipes at home!



**Key Vocabulary** – food, diet, food hygiene, seasons, fruit and vegetables, produce, food miles, seasonality.

### Computing

This half term we are studying 'Safe Searching' on the Internet and what hyperlinks are. We will discuss different scenarios to help children be safe online. The children will produce a 'help sheet' for their Egyptian topic with hyperlinks to relevant web pages. There will also be DB Primary tasks for children to complete

## English

### Writing:

Through our topic of Ancient Egypt, the children will write different parts of a story set in Ancient Egypt, as well as explanation texts related to different jobs from that period of History. We will focus on the nine-word classes, particularly identifying nouns, adjectives, prepositions and conjunctions. Children will add more detail to their writing by expanding their noun phrases using adjectives or prepositional phrases. We will teach them to use a range of conjunctions to express time and cause. This will include using time conjunctions (first, finally, later) in their story writing and causal conjunctions (consequently, as a result of) in their explanation texts.



In non-fiction writing, the children will identify topic sentences in their planning as a method to structure their writing into paragraphs.

### Reading:

In Guided Reading, we will be focusing on a range of different reading skills: asking questions; making connections with other things we have read, or with the outside world; tracking down important information through skimming and scanning; making inferences using information given in the text; and making predictions based on what they have read. Each class will have a weekly Library visit but may return and take our new books whenever they need to. Please hear your child read at least 3 times a week and record this in their reading diary.



### Spelling:

In Spelling this half term, the children will be learning:

- Long and short vowel sounds (KS1 recap)
- /i/ sound spelt with 'y' (hymn) (/eɪ/ sound spelt with 'ei' (eight))
- /eɪ/ sound spelt with 'ai' (claim) /ə:/ sound spelt with 'ear' (earn)
- /u/ sound spelt with 'ou' (young)
- Silent letters revision (thumb / knock)

We will have short daily spelling sessions in class with a weekly dictation check up on a Friday. The weekly focus will be on our DB Primary homepage and links to Spelling Frame or other resources. We will not be sending a list to learn at home.

## Mathematics

### Place Value:

The children will be able to recognise the place value of each digit in a 4-digit or 5-digit number, and will be able to order and compare these. They will also multiply and divide by 10 and 100 and discuss how this affects the place value of each digit. Using rulers and metre sticks, the children will be comparing decimal numbers, with one decimal place. We will also begin to explore negative numbers.



### Addition and Subtraction:

The children will add and subtract 1s, 10s, 100s and 1000s from 4-digit numbers and use estimation and checking strategies. We will be developing their use formal written methods to add and subtract up to two, 4-digit numbers with more than one exchange

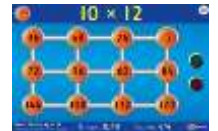
### Multiplication:

The children will be practising their multiplication tables and by the end of this half term we would expect the children to at least know the 2, 5 and 10x tables by heart, although most will be working beyond this. In class, we will have a weekly times table focus. We will sing songs, practise our recall, learn patterns and 'hacks' and do daily 10s.



All of the children have login details for the Times Tables Rock Stars website. They can access this at home whenever they like!

It is a fun way to improve their times tables recall. Look out for some inter-class tournaments very soon! Another useful website for practising our tables is 'Hit the Button' by TOPMARKS.



### Other fun ways to support learning at home –

- Visit the British Museum either virtually or in real life!
- Visit your local library and look for books on our topics.
- Cook at home – try cooking your own tarts, pies and crumbles.
- Read and share books with your family.
- Watch a Cricket match on TV.
- Help children to become more independent with skills such as – shoelace tying, packing their bag for school, telling the time on an analogue watch and making their bed.