

Year 4 – Autumn 1 Curriculum Map

Overview of topics:

Science and DT will link to digestion and foods we eat. In English, children will explore sentence structures before writing narrative. Maths will focus on place value and times tables practice.

English: The children will begin the term by learning about the place value of punctuation and grammar, or PVP, an approach that focuses on the foundations of writing: grammar and punctuation. Just as the place value of numbers is the building block of maths, punctuation and grammar are the building blocks of writing. They help to create successful writers. We will then read *Arthur and the Golden Rope* by Joe Todd-Stanton. We will discuss the purpose of graphic novels, which combine art and storytelling through a mixture of illustration and text. The children will then create graphic novel scenes and write a short narrative.

Computing: We will be learning how computer systems and networks work when using the Internet. We will discuss the importance of keeping networks secure whilst using the internet and evaluate online content to decide how honest, accurate or reliable.

Spanish: The children will revise the vocabulary required to introduce themselves and greet other people.

Maths: Topic: **Place Value**

Children learned how to represent numbers to 1,000 in Year 3 – a concept that will be reinforced to ensure they have a sound understanding. This understanding will be important later in the block, as children begin to explore numbers over 1,000. Children will label, identify and find missing values on blank or partially completed number lines. Using real-life scales, such as rulers and measuring jugs. They will also use different representations such as place value charts and Gattegno charts, which highlight the place value of the digits in the numbers. The children explore flexible partitioning of numbers up to 10,000, understanding that the whole number can be split into parts in many different ways.

Science: Topic: **Eat, Chew, Digest**

As Scientists: the children will learn about food chains and food webs, exploring what these scientific diagrams show and how they compare. They will revisit interdependence and chat about how living things rely on each other. They will also explore the human digestive system, teeth types and oral hygiene. Finally, they will investigate how effective toothpaste is at protecting teeth.

PE: Topic: **Netball** (Outdoor)

The unit of work will develop pupils' ability to apply the principles of attack vs defence, with a particular focus on creating simple attacking tactics to move the ball up the court. **Boccia** (Indoor) Boccia is a target ball sport similar to bocce, bowls, and pétanque.

Geography: **Adventure Across the Americas.**

During this project, the children will explore North and South America using maps, atlases, globes and online mapping tools. They will identify countries, investigate climate zones and research one country in depth. They will compare the Sierra Nevada, Lake District and Alps, before planning a route across the Americas visiting key human and physical features. Finally, they will write an explorer's log, share their work and answer the project question.

RE: Hinduism and Janmashtami: The festival of Janmashtami celebrates the birthday of Lord Krishna and falls in August or September. The children will learn how Krishna is one of the Hindu faith's most popular gods..

PSHE: Being Me in My World - The children will explore what it means to be part of a class team, reflecting on inclusion, friendship and how their actions affect others. They learn about roles in school and community.

DT: Preserve It! During this project, children learn how food is kept fresh and safe through effective packaging. They will explore healthy snacks, investigate food packaging and nets, and learn how a flat net forms a 3D package. Using this knowledge, they will design, make, and evaluate packaging for a healthy snack, refining their ideas through testing and reflection.

Music: 1. In Music this term the children will learn to create and notate (featuring You Can See It Through) and copy and improvise short melodic phrases. **2.** Compose short structured piece using Music Explorer.