



Year 4 Spring Term Curriculum Map

Maths

Multiplication and division To cover factor pairs, how to multiply by 10, 100 and 1000 and moving onto multiplying and dividing 3-digit numbers by 1-digit numbers.

Length and perimeter To know how to work out the perimeter of polygons, investigate rectilinear shapes in regard to perimeter and measure in kilometres and metres.

Fractions and decimals To know how to use improper fractions, adding and subtracting fractions and mixed numbers.

History Tudors and kings

Key Vocabulary

House of York, House of Lancaster, Tudor, War of the Roses, Plantagenets, reign, throne, monarch, Battle of Bosworth, descendants, Tudor houses: timber, wattle and daub, wealthy, gable, leaded, banquet, feast, diet

Sticky Knowledge

The 'War of the Roses' was a civil war between the houses of Lancaster and York
The Battle of Bosworth was the last main battle
Houses were made with a timber frame with wattle and daub
To know the 5 Tudor Monarchs and be able to place them on a timeline

Computing

Programming A: Repetition in shapes

changing a value (number) changes the command

Repeat creates a count-controlled loop

Decomposition is breaking things down into 'small chunks' and can help you plan and produce a more complicated program.

Data and Information: Data Logging

Computers can capture data using input devices (sensors)

Art Tudor Portraits

Sticky Knowledge

To know about the artist Hans Holbein and some of his famous pieces of work.
To know the features of a Tudor portrait.
To know how to sketch faces in proportion.
To know how to sketch different expressions using line and shape.
To know how to use light and shade.

English

Podkin – persuasive letter, diary, character description, retelling narratives

Formal speeches

Limericks

The Legend of Podkin One-Ear (Core text)
Focus will be on writing a persuasive letter, diary, character description and retelling narrative from a character's perspective
We will then focus on formal speeches using Richard III.
We will also focus on limericks.

Geography

Why do oceans matter?

Key Vocabulary

Ecosystem, Great Barrier Reef, human impact, coral bleaching, microplastics, marine, biodegradable, decompose

Sticky Knowledge

- how the oceans are used for human activity.
- how to identify the great barrier reef.
- how to describe how humans impact the oceans and the consequences of this.

Music

Rhythm and Pitch

Sticky Knowledge

I can perform rhythmic phrases accurately, whilst maintaining a steady sense of pulse
I can use graphic and standard notation to compose and notate rhythms and perform them to a steady pulse.

Pitch

Sticky Knowledge

Aurally recognise, respond to and use musical symbols and basic pitch changes within a limited range
Create simple melodies containing rhythmic patterns and use accompaniments
Listen to and evaluate a range of live and recorded music from different traditions genres, styles and times, responding appropriately.

DT

Making Pottage

Sticky Knowledge

To know that food is seasonal - not all fruits and vegetables are grown throughout the year in the UK and this can affect the range of produce made.

To know and understand the importance of hygiene in the storage and preparation of food.

Science

Animals including humans

Sticky Knowledge

Humans have four types of teeth - incisors for cutting, canines for tearing, molars and premolars for grinding (chewing)

Living things can be classified as producers, predators and prey according to their place in the food chain

Animals, unlike plants which can make their own food, need to eat in order to get the nutrients they need.

Food contains a range of different nutrients that are needed by the body to stay healthy – carbohydrates including sugars, protein, vitamins, minerals, fibre, fat, sugars, water

Living things and their habitats

Living things can be grouped (classified) in different ways according to their features.
Environments may change naturally e.g. through flooding, fire, earthquakes etc.
Humans also cause the environment to change. This can be in a good way (i.e. positive human impact, such as setting up nature reserves) or in a bad way (i.e. negative human impact, such as littering).
These environments also change with the seasons; different living things can be found in a habitat at different times of the year.

PE

Dance , Net & Wall games, DRUMBA and Gymnastics
Sticky Knowledge

- To know how to balance in a variety of ways
- To know how to move around a space.
- To know why you would need to warm up and cool down.

PSHE

How can we manage our feelings?

know that feelings can change and can be experienced at different levels of intensity

know how important it is to express feelings appropriately

know how to respond and manage feelings at times of change and grief
know who to go to for help with feelings

How can we help in an accident or emergency?

Pupils can carry out simple first aid and describe what to do for burns, scalds, cuts, bleeds, choking, asthma attack or allergic reactions.

RE

What does it mean to be a Hindu in Britain today?

Identify the terms dharma, Sanatan Dharma and Hinduism and say what they mean
Make links between Hindu practices and the idea that Hinduism is a whole 'way of life' (dharma)

Why do Christians call the day Jesus died, Good Friday?

Make simple links between the Gospel accounts and how Christians mark the Easter events in their communities

Describe how Christians show their beliefs about Jesus in worship in different ways