



Year 4 Spring Term Curriculum Map

MATHS

Multiplication and division We will be covering 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 We will be finding the perimeter of polygons, investigate rectilinear shapes in regard to perimeter and measure in kilometres and metres.

Fractions and decimals We will look at 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 time line

Computing

Programming A: Repetition in shapes

Data and Information: Data Logging

Key Vocabulary

Debugging (spotting and correcting errors in coding), program, Turtle, commands, code

Sticky Knowledge

- changing a value (number) changes the command
- Repeat creates a count-controlled loop

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

Key Vocabulary

Canon, crochet, dynamics, graphic notation, improvise, melody, minim, ostinato, paired quavers, pulse, rhythm, tempo, chord, harmony, legato, major, minor, octave, phrase,

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.

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 Living things and their habitats

Key Vocabulary

Digestive system: digestion, mouth, teeth, saliva, oesophagus

Teeth: incisor, canine, molar, premolars,

Animals: herbivore, carnivore, omnivore, producer, predator, prey

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

PE

Dance , Net & Wall games, DRUMBA and Gymnastics Key Vocabulary

Sequencing, rhythm, improvisation, choreographer, director, slide, rehearse, formation, freeze frames, tension, muscles, travelling steps

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?

How can we help in an accident or emergency?

Sticky Knowledge

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

RE

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

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

Sticky Knowledge

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'