Sheriffhales Primary School

Year 3 & Year 4 Learning Overview
Spring Term 1 – Cycle A



Year 3 & Year 4 Learning Overview

Maths

Year 3:
Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (Y2).
Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods.
Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.
Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). Measure the perimeter of simple 2-D shapes.

Year 4:
Recognise and use factor pairs and commutativity in mental calculations.
Recall multiplication and division facts for multiplication tables up to 12 × 12 • Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 (Y5).
Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects • Recognise and use factor pairs and commutativity in mental calculations.
Convert between different units of measure [for example, kilometre to metre; hour to minute]
Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.
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English

All reading, writing, spelling, grammar, puctuation and handwriting objectives will be taught through the following sequences this half term:

Arthur & The Golden Rope by Joe Todd-Stanton
Writing Outcomes: Myth Narrative & Information



Science

A physics focus looking at electricity.

Identify common appliances that run on electricity
Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
Recognise some common conductors and insulators, and associate metals with being good conductors..

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History

Why did the Romans invade and settle in Britain?

Explain what was important to people in Ancient Rome.
Explain the meaning of the words 'empire', 'invasion' and 'settlement'.
Analyse the different reasons for the Roman invasion of Britain.
Explain how the Celts responded to the Roman invasion.
Explain how the Roman army's structure, discipline and equipment made it so successful.
Use artefacts to make deductions about the lives of Roman soldiers in Britain.
Explain the meaning of legacy, identifying how the Romans changed Britain and ordering legacies by their significance.





RE

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

We will develop and extend the learning from Unit L2.7 (Unit 27) entitled How do Hindus describe the divine? We will build on our understanding of Brahman and look at lived reality through examining Puja at home, worship in the mandir and the festival of Diwali. We will reflect on the idea of dharma through two stories which will
sow seeds for examining this concept in more depth
in Upper Key Stage 2.

ICT

Programming A – Sequencing sounds

We will explore the concept of sequencing in programming through Scratch. It begins with an introduction to the programming environment, which will be new to most learners. They will be introduced to a selection of motion, sound, and event blocks which they will use to create their own programs, featuring sequences. The final project is to make a representation of a piano.



PSHE



Health and Wellbeing

We will learn about how to stay healthy and how our diet affects our bodies and our teeth, identifying our strengths, learning how to celebrate mistakes and develop a growth mindset, considering how we can increase our happiness.

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Music

Caribbean (Instrumental)

We will focus on naming some of the key features of calypso music. Ability to sing the song accurately by the end of the lesson. Sing the song accurately, and perform their news headline correctly in the appropriate gap. Explain in simple terms why percussion instruments were important in Trinidad. Play the sheet music: *What's the story?: Tuned percussion part one*. Recognise pairs of quavers on a musical score and the ability to play these in context. Create a pentatonic improvisation using mainly one-beat notes.

French

Playground games, numbers and age

We will join in with a song using actions. Respond to numbers by showing fingers or ticking on whiteboards. Ask and answer a question about their age. Recognise number words. Listen carefully and relate sounds to written phonemes. Recall numbers one to twelve with increasingly accurate pronunciation.

Art & DT

Drawing: Exploring tone, texture and proportion

We will explore tone, texture and proportion to create realistic drawings.

PE

Outdoor adventurous activities

We will develop balancing, rolling, jumping and inverted movements and use these skills to create more complete sequences. We will work independently and in collaboration with others to create and develop sequences.

Outdoor Learning

Forest school - **Using tools**-using loppers, saws, peelers, trowels.

Fire for cooking- Light a fire and keep it going, roast food on fire, fire safety.