Sheriffhales Primary School

Year 3 & Year 4 Learning Overview
Spring Term 1



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]

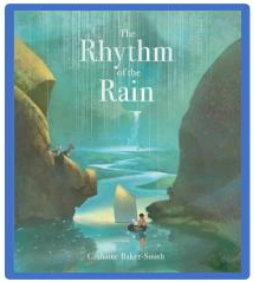
Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

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English

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

Rhythm of the Rain by Grahame Baker Smith Setting Narrative and Information Leaflet



Science

A physics focus looking at States of Matter

Compare and group materials together, according to whether they are solids, liquids or gases

Observe that some materials change state when they are heated or cooled, and measure or

Research the temperature at which this happens in degrees Celsius (°C)

Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

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History

What did the Ancient Egyptians believe?

We will learn when and where the ancient Egyptians lived. Explain the importance of the Egyptian gods and goddesses. Evaluate the challenges of building an Egyptian pyramid. Explain how and why the Egyptians mummified people. Make inferences about Egyptian beliefs, using primary sources. Evaluate significant ancient Egyptian beliefs.



RE

How do festivals and family life show what matters to a Muslim?

We will identify some beliefs about God in Islam, expressed in Surah 1. We will also make clear links between beliefs about God and ibadah (worship) and how this links to prayer, fasting, celebrating and the intention to live out the five pillars of Islam. We will have opportunities to ask questions and suggest answers about the value of submission and self-control to Muslims, and whether there are benefits of these for all people.

ICT

Programming A – Repetition in shapes

We will look at repetition and loops within programming. Create programs by planning, modifying, and testing commands to create shapes and patterns. We will use Logo, a text-based programming language.



PSHE



Safety and the changing body

We will send an email which describes some of the best ways to avoid being tricked by fake emails. Understand the reasons for legal age restrictions. Demonstrate an understanding of how search engines work and whether information us useful. Understand some of the risks of smoking and some of the benefits of being a non-smoker. Identify a casualty who is having an asthma attack. Understand choices that they can make and those that are made for them. Understand it is most important to ensure the safety of myself and others when faced with an emergency situation. Explain rules for keeping safe near roads.

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Music

Three Little Birds

We will focus around one song: Three Little Birds. The material presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc.), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other Reggae songs.

French

Birthday Celebrations (cycle B)

We will say the numbers 1-31 in French. Read and calculate Maths sums correctly. Match French months to their English equivalents. Ask when someone's birthday is and say when their birthday is. Compare similarities and differences between birthdays in the UK and France. Write sentences to create a wish list, describing things orally and in writing. Appreciate songs in the language. Compare French festivals and their traditions with English ones.

Art & DT

Ancient Egyptian scrolls

We will explore and create Ancient Egyptian art. Understanding and applying the styles, patterns, and techniques of Ancient Egyptian art through lessons that include designing scrolls, making paper, and creating contemporary responses using zines.

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.