Sheriffhales Primary School

Year 3 & Year 4 Learning Overview
Autumn 2



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Maths

Year 3:
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
Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot (Y2)
Count in steps of 2, 3 and 5 from 0, and in 10s from any number, forward and backward (Y2)
Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (Y2)

Year 4:
Find the area of rectilinear shapes by counting squares
Find the area of rectilinear shapes by counting squares
Recall multiplication and division facts for multiplication tables up to 12 × 12
Recognise and use factor pairs and commutativity in mental calculations
Count in multiples of 6, 7, 9, 25 and 1,000
Recognise and use factor pairs and commutativity in mental calculations
Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

English

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

Fox by Margaret Wild and Ron Brooks

- Fable Narrative
- Information Report



Science

A physics focus looking at Light.
To identify how sounds are made, associating some of them with something vibrating.
To recognise that vibrations from sounds travel through a medium to the ear.
To find patterns between the pitch of a sound and features of the object that produced it.
To find patterns between the volume of a sound and the strength of the vibrations that produced it.

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Geography

Who lives in Antartica?

We will understand the position and significance of lines of latitude. Describe the location and physical features of Antarctica. Use four-figure grid references to plot Shackleton's route to Antarctica. Plan a simple route on a map using compass points. Follow instructions involving compass points and map a simple route.



RE

What is the trinity and why is it important for Christians?

We will find out about the baptism of Jesus and where this is found in the Bible. Study the text in detail and find out about what it means for Christians today. Investigate how Christians show their beliefs about God and the Trinity and how these impacts upon their lives. Find out about infant and believer's baptism in the church and what this means for Christians today.

ICT

Creating media - Audio production

We will identify the input device (microphone) and output devices (speaker or headphones) required to work with sound digitally. Discuss the ownership of digital audio and the copyright implications of duplicating the work of others. Use Audacity to produce a podcast, which will include editing their work, adding multiple tracks, and opening and saving the audio files. Evaluate their work and give feedback to their peers.



PSHE

Health and Wellbeing focus

We will understand and plan for a healthy lifestyle including physical activity, rest and diet. Understand the benefits of healthy eating and dental health. Perform a range of relaxation stretches. Understand the different aspects of my identity. Identify my own strengths and begin to see how they can affect others. Develop a growth mindset and understand that mistakes are useful. Recognise when to give consent. Identify what's important to me and to take responsibility for my own happiness.

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Music

Musical motifs:
Reading the stave

Developing an understanding of notation using the stave through musical motifs.

Spanish

Unit 2: Shapes and colours in Spanish

Cycle B

Point to a colour that matches a spoken word.
Say the names of some colours in Spanish.
Read and recognise descriptive phrases and match them to an image.
Identify shapes with their name and colour in Spanish, placing the colour adjective after the noun.
Write or copy shape and colour names with accuracy.
Recall and produce some key vocabulary from memory

Art & DT

Mechanical systems:
Mechanical cars

Exploring mechanical systems by building and testing prototype cars to identify effective design features.

PE

Dodgeball

Dodge ball is a target game.
Improving throwing, dodging and catching.

Outdoor Learning

Outdoor learning activities:
Shelters