

Year 3 & 4 Autumn 1 Curriculum Overview

Maths

Year 3:

To recognise the place value of each digit in two and three-digit numbers and to compare and order numbers to 1000.

To count from 0 in multiples of 4, 8, 50 and 100.

To be able to find 10 or 100 more or less than a given number.

To add and subtract three-digit numbers mentally and using formal written methods of column addition and subtraction.

To solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction, including money.

Year 4:

To recognise the place value of each digit in a four-digit number and order and compare numbers beyond 1000.

To count in multiples of 6, 7, 9, 25 and 1000.

To find 1000 more and less than a given number and count backwards through zero to include negative numbers.

To add and subtract numbers with up to 4 digits using formal written methods of column addition and subtraction.

To solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

To round any number to the nearest 10, 100 or 1000.

Design & Technology

This term, the children will be given the opportunity to design, make and evaluate a functioning lighthouse alongside a jetty and boat on a mechanical pulley system. They will use micro:bit technology to create the light in their lighthouse.

Science - Forces

The children learn about and describe how objects move on different surfaces. They will learn how a simple pulley works and how it is used to lift an object. They will learn how some forces require contact and some do not, giving examples. They will enjoy taking part in a variety of scientific investigations to answer questions of enquiry.

Computing

Our online safety topic will focus on the differences between their online and offline identities and online relationships. Then, we will move on to understanding what technology is and identifying different computer hardware and understanding what software is, and how we use it to complete tasks. Then, we will begin our animation topic, where they will get the opportunity to produce their own digital 2D animation.

French - All about me

The children will be learning greetings and everyday phrases. They will be taught classroom instructions, identify colours and what they are wearing.

RE - What do Christians learn from the Creation Story?

In this unit, the children will become familiar with Christian texts, especially with the genesis creation story. They will consider how the Christian faith impacts on how Christians behave. They will explore awe and wonder and think about how we can all care for our world.

PSHE - Being me in my world

This term, the children will learn the importance of being listened to and listening to others when creating a positive school community. Also, they will be able to explain why being democratic is important and can help them and other feel valued.

History - Ancient Greeks

Within this topic, the children will learn where Greece is and understand that the Ancient Greeks were an advanced civilisation. They will explore the Spartans and Athenians who often battled for supremacy. They will explore a number of Greek gods and will learn that the Ancient Greeks were responsible for starting the Olympic movement.

English -

This term, the children will be enjoying the stories KrindleKrax by Philip Ridley and Hello Lighthouse by Sophie Blackall, which will inspire their writing. They will be given the opportunity to write character descriptions, setting descriptions, diary extracts, letters and poetry.

Punctuation and Grammar

- Expanded noun phrases
- Adverbs and fronted adverbials
- Punctuating direct speech

PE

Carlisle United every **Thursday**.

Tag Rugby with Mrs Grierson every **Wednesday**.

Music

Mr Clark will continue to teach Music on a Friday morning.

Year 3 & 4 Autumn 2 Curriculum Overview

Maths

Year 3:

To recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

To be able to multiply 2-digit and 3-digit number by ones using formal written methods of short division.

To recognise angles as a property of a shape or a description of a turn.

To identify right angles and identify whether angles are greater than or less than a right angle.

To be able to draw 2D shapes and make 3D shapes using modelling materials.

To be able to identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

To interpret and present data using bar charts, pictograms and tables and solve problems using the information presented.

Year 4:

To multiply three and four-digit numbers by a one-digit number using short division.

To identify acute and obtuse angles and compare and order angles.

To compare and classify geometric shapes, including quadrilaterals and triangles.

To identify lines of symmetry in 2D shapes presented in different orientations.

To interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

Art & Design

This term, the children will use and explore clay and experiment with mark making tools to create their own coil pots. They will press shapes into clay and engrave shapes and textures using tools. They will learn the coiling technique to help them create their design.

Science - Magnets

In this topic, the children will further develop their knowledge of non-contact forces when learning about magnets. They will explore how magnets attract and repel. They will predict whether magnets will attract or repel and give a reason. They will explore and answer a range of scientific enquiry through a range of investigations.

Computing

Our online safety topic will focus on online relationships and the impact of online bullying. Also, we will complete our animations topic before moving on to Logo programming where we will focus on understanding basic commands and programming concepts, by inputting simple instructions.

French - Hobbies and Pets

The children will name some common pets and consider whether nouns are masculine or feminine. They will engage in conversations and answer questions about their favourite hobbies.

RE - Why is Jesus called the light of the world?

In this unit, the children will explore the effectiveness of light and dark as religious symbols. They will develop their understanding and use of symbolism and explore the symbol of light in Christian worship and faith. Also, they will consider what is meant by Jesus being the light of the world.

PSHE - Celebrating Difference

In this unit, the children will learn the importance of first impressions and how they can change once you get to know people. They will be able to explain why bullying might be difficult to spot and what to do if they're not sure. Also, they will learn the importance of self acceptance and accepting others.

Geography - Mapping and unique features of the UK

In this topic, the children will understand the differences between different settlements and know the difference between urban and rural areas. They will learn the names and locate some counties and cities in the UK and learn how weather patterns vary between counties. They will learn how to use four figure grid references to locate places.

English -

This half term, we will be exploring the story Who Let the Gods Out by Maz Evans, which will inspire the children's writing. They will be writing explanation texts, persuasive adverts and narratives.

Punctuation and Grammar

- Coordinating and subordinating conjunctions.
- Expressing time, place and cause using conjunctions.
- Identifying fronted adverbials and punctuating them accurately.
- Using the correct form of 'a' and 'an'.

PE

Carlisle United every **Thursday**.

Gymnastics with Mrs Grierson every **Wednesday**.

Music

Mr Clark will continue to teach Music on a Friday morning.