

Maths

- To calculate the perimeter of squares and rectangles by counting the squares. To solve perimeter problems.
- To add and subtract amounts of money to give change, using both £ and p in practical contexts.
- To multiply 2-digit and 3-digit numbers by ones using short multiplication.
- To divide numbers (two-digit numbers by ones) using practical apparatus. To solve multiplication and division problems.
- To count up and down in tenths and recognise that tenths arise from dividing an object into ten equal parts.
- To recognise and show, using diagrams, equivalent fractions with small denominators.
- To add and subtract fractions with the same denominator.

English -

This term, we will begin by exploring scary stories. The children will explore extracts from different scary stories, which will help them understand how to build up the tension and create suspension to write gripping scary stories. Later on in the half term, we will focus our writing around the book *The Last Bear* by Hannah Gold, where the children will explore the effects of climate change. They will write persuasive letters and rhyming poems.

In SPaG, we will recap fronted adverbials. We will explore how to use them effectively in their writing. Also, we will explore using present perfect form of verbs in contrast to the past tense.

Year 3 Spring 1 Curriculum Overview

Science

The children will be identifying and describing the functions of different parts of flowering plants. They will explore the requirements of plants for life and growth and how they vary from plant to plant. They will investigate the way in which water is transported within plants. Also, they will explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

History

The children will explore how Britain changed between the end of the Iron Age and the end of the Roman Occupation. They will learn how the Romans invaded Britain during the reign of Emperor Claudius, before describing the causes and events of Boudica's rebellion. We will explore how religion changed after the Celts were conquered, the buildings introduced and how life changed.

Computing

Firstly, we will recap online safety before completing our Spreadsheets topic from before Christmas. The children will create a table of data, find specified locations, enter formulae to complete calculations and explore how tools can be combined to make number games in 2Calculate.

Design & Technology

The children will design, make and evaluate flavoured scones and mini quiches. They will get the opportunity to try different flavours, choose their own preferred flavours, explore recipes before making their own.

French -

The children will be learning about where they live and hobbies. They will explore how to describe their house and their town. Then, they will learn the correct pronunciation for different hobbies and explain which hobbies they enjoy and dislike doing.

RE

This half term, the children will learn about parables Jesus told and what they mean. They will learn about how these stories are Gospel and explore the ideas of judgement, love, charity and forgiveness. They will make links between how Christians behave and the stories they believe in. They will explore the impact of these teachings on their own lives.

PSHE

The children will discuss people who have faced difficult challenges and achieved success. They will respect and admire people who have overcome obstacles to achieve their dreams and goals, for example through disability. They will identify a dream/ambition that is important to them and how it will feel to achieve it.

PE

Mrs Grierson every **Wednesday - Gymnastics**
Carlisle United every **Thursday**.

Music

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

Maths

- To draw 2D shapes and make 3D shapes using modelling materials. To recognise 3D shapes in different orientations.
- To identify horizontal and vertical lines and pairs of perpendicular and parallel lines. To complete symmetrical shapes with respect to a specific line of symmetry.
- To tell the time from an analogue clock, including using Roman numerals from I to XII. To tell and read the time from 12 hour and 24 hour clocks.
- To be able to measure, compare, add and subtract lengths, masses, volumes and capacities.
- To measure the perimeter of 2D shapes.
- To add and subtract amounts of money to give change, using both £ and p in practical contexts.

English -

This term, the children will be exploring the books Until I Met Dudley by Roger McGough and The Patent Self Propelled Ambulator which will help support the children in writing their own explanation texts. Towards the end of the half term, the children will explore the features of adventure stories before writing their own setting and character description and story build up for their own adventure.

In SPaG, we will do further work on using the present perfect form of verbs in contrast to the past tense. Then, we will focus on determiners and conjunctions and prepositions to express time and cause.

Year 3 Spring 2 Curriculum Overview

Science -

Within this topic, the children will learn the difference between igneous, sedimentary and metamorphic rocks. They will compare and group rocks based on their appearance and physical properties. They will learn how soil is made and how fossils are formed. Also, they will learn why some crystals are extremely rare and valuable.

Geography

The children will learn what lays beneath our feet by learning what tectonic plates are. They will learn which are the best-known mountains in the UK and the rest of the world and how they are formed. They will understand how a relief map can be transformed into a model. Then, they will learn what causes an earthquake and volcano.

Computing

The children will learn how to touch type. They will learn about the importance of posture when typing and will be introduced to finger positions in relation to key areas of the keyboard. Then, we will move onto learning how to open and respond to an email, how to add attachments and the meaning of CC and BCC.

Art & Design

The children will explore the artist Edward Degas to help them draw the human shape and movement, by blending pastels. Then, they will sketch the local landscape using different medium. We will explore the artists Percy Kelly and Sheila Fell.

French -

This half term, the children will learn the French names for the days of the week. They will learn the names and pronunciation for different body parts. They will use their learning to describe what they look like.

RE -

This half term, the children will learn the story of Pentecost and explore ideas related to this, including that it is the 'birthday' of the church. They will explore the idea of the holy spirit being alive in Christians today. They will think about the links between the Kingdom of God being on Earth now and learn the Christian belief that Jesus' whole life was a demonstration that God is king in the here and now.

PSHE -

They will understand how exercise affects their body and know why their heart and lungs are such important organs. They will discuss how to make healthy choices and know which foods and the amounts which are needed to keep them healthy. They will learn strategies of how to keep themselves safe and who to go to for help, for example contacting the emergency services.

PE

Mrs Grierson every **Wednesday** - Mult skills
Carlisle United every **Thursday**.

Music

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