

Year 4 Autumn 1 Curriculum Overview

Maths

- Recognise the place value of each digit in a four-digit number and to read, write, order and compare numbers beyond 1000.
- Count from 0 in multiples of 4, 8, 50 and 100 and to find 10 or 100 more or less than a given number.
- Add and subtract numbers mentally.
- Add and subtract numbers with up to four digits using formal written methods and to apply these methods when solving problems.
- Multiply two and three-digit numbers by ones using the formal written method of short multiplication.
- To round any number to the nearest 10, 100 or 1000.
- To understand and recognise the value of tenths and hundredths in numbers with up to 2 decimal places.
- To compare numbers with the same number of decimal places up to two decimal places.
- To find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths.
- To recognise and write decimal equivalents of any number of tenths or hundredths.
- To be able to multiply one-digit numbers by multiples of 10 and 100 mentally.

PE

PE will be taught by myself or Mrs Grierson on a Wednesday and by coaches from CUFC on a Thursday.

Wednesdays—Tag Rugby

Thursdays—Multi-skills

French

All About Me

- Learning greetings and everyday phrases.
- Learning how to understand classroom instructions, name parts of the body, identify colours and what they are wearing.

English

Writing:

The children will focus on the book Stone Age Boy by Satoshi Kitamura and will write a diary entry and a narrative. They will also work on writing non-chronological reports.

Spelling:

Children will continue to be taught new rules using the scheme from Spelling Shed.

Punctuation and Grammar:

- Nouns and expanded noun phrases
- Adverbs and fronted adverbials
- Punctuating direct speech
- Coordinating and subordinating conjunctions
- Expressing time, place and cause using conjunctions
- Fronted adverbials
- Using the correct form of 'a' or 'an'

Science

Light and Dark

- Recognise that they need light in order to see things and that dark is the absence of light
- Notice that light is reflected from surfaces
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- Recognise that shadows are formed when the light from a light source is blocked by a solid object
- Find patterns in the way that the size of shadows change

PSHE

- Identifying positive things about themselves and setting personal goals.
- Exploring what would make a dream school whilst recognising successful rewards and consequences.

History

Stone Age to the Iron Age

- Know how Britain changed between the beginning of the stone age and the iron age
- Recognise the importance of the invention of the wheel; the discovery of iron ore; and the creation of iron age hill forts
- Know what is meant by hunter gatherers

Computing

- Internet Safety

Coding:

- To understand what a flowchart is and how flowcharts are used in computer programming.
- To understand that there are different types of timers and select the right type for purpose.
- To understand how to use the repeat command.
- To understand the importance of nesting.
- To design and create an interactive scene.

Design and Technology

Designing and making a movable bridge

- To design, make and evaluate a movable bridge that supports a toy car.
- To explore how to strengthen and stabilise the structure.
- To use a range of tools and joining techniques.

RE

- Why a promise is important and how a promise can change a life.
- To explore symbols and actions associated with baptism.
- Reflecting on moments in their own life journeys.

Year 4 Autumn 2 Curriculum Overview

Maths

- To recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
- To count up and down in tenths.
- To recognise and show, using diagrams, equivalent fractions with small denominators.
- To identify acute and obtuse angles and compare and order angles up to two right angles by size.
- To compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
- To identify lines of symmetry in 2D shapes presented in different orientations.
- To complete a simple symmetric figure with respect to a specific line of symmetry.
- To read, write and convert time between analogue and digital 12- and 24-hour clocks.
- To solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

PE

PE will be taught by myself or Mrs Grierson on a Wednesday and by coaches from CUFC on a Thursday.

Wednesdays—Gymnastics

Thursdays—Dance

French

Pets and Hobbies

- Name common pets and consider whether nouns are masculine or feminine.
- Engage in conversations and ask and answer questions about their favourite hobbies.

English

Writing:

The children will focus on the book Stone Age Boy by Satoshi Kitamura and will write a diary entry and a narrative. They will also work on writing non-chronological reports.

Spelling:

Children will continue to be taught new rules using the scheme from Spelling Shed.

Punctuation and Grammar:

- Adverbs and fronted adverbials
- Punctuating direct speech
- Coordinating and subordinating conjunctions
- Expressing time, place and cause using conjunctions
- Fronted adverbials
- Using the correct form of 'a' or 'an'
- Apostrophes for omission
- Possessive pronouns

Science

Sound

- Know how sound is made.
- Know how sound travels from a source to our ears.
- Know how sounds are made, associating some of them with vibrating.
- Know the correlation between pitch and the features of the object producing a sound.
- Know the correlation between the volume of a sound and the strength of the vibrations that produced it.
- Know what happens to a sound as it travels away from its source.

PSHE

- To explore families and understand that everyone's family is different and special to them.
- To understand that differences and conflicts sometimes happen among family members and how to resolve them.

Geography

Why do so many people go to the Mediterranean for their holidays?

- Know the names of and locate at least eight European countries and capitals on a map
- Know at least five differences between living in the UK and a Mediterranean country
- Know the key physical and human characteristics of the Mediterranean.

Computing

- Internet Safety

Spreadsheets

- To find out how spreadsheet programs can automatically create graphs from data.
- To use 2Calculate to create cells and use formulae to complete calculations
- To explore and combine tools in 2Calculate

Art

Painting and Printing

- To create paintings of rainforest animals to create a jungle scene.
- To create repeated patterns of textures of the rainforest.

RE

- To explore the effectiveness of light and dark as religious symbols.
- To develop an understanding and use of symbolism.
- To explore the symbol of light in Christian worship and faith.
- To consider what is meant by Jesus being the light of the world.