

Class 4 Curriculum Autumn B

Maths

★ Place Value

Numbers to 10,000, 100,000, a million, ten million, Roman numerals to 1000, compare and order numbers, rounding, counting in 10s, 100s, 1000s, 10,000s and 100,000s, negative numbers

★ Four Operations

Add and subtracts whole numbers with more than 4-digits, inverse operations, multi-step problems, multiples, common multiples, multiply and divide by 10, 100, 1000, multiply 4-digits by 1 and 2-digits, multiply 2, 3, 4-digits by 2-digits, factors, common factors, prime, prime factor and square and cube numbers

Computing

Online Safety

We will learn about cyber-bullying and e-safety, and encourage you to monitor your child's use of technology at home to ensure they are using it safely.

Flowol

Using flowcharts, we will build sequences of instructions, control multiple outputs and structure algorithms with decisions and inputs.

PE

Athletics; Tag Rugby

Children will have the opportunity to develop tag rugby skills and participate in a tournament. They will practise a wide range of track and field events in athletics.

English

Fiction:

★ Modern Myths and Legends - The Giant's Necklace: playscript

★ Ancient Myths and Legends – the adventures of Odysseus: research; building character, setting and plot

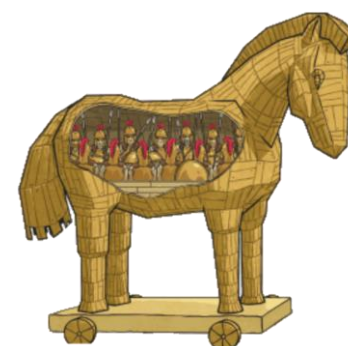
Non-fiction:

★ The Giant's Necklace: newspaper report

★ Persuasive writing: job advert for a hero

Ancient Greece

In this topic the children will explore the civilisation of Ancient Greece and the influence that this still has over our way of life today. We will learn about the city-states of Athens and Sparta, look at the influence of Alexander the Great, look for clues about the civilisation through examining artefacts and explore governance, schools and the Olympics. We will also be working with clay in DT to make replica artefacts as well as learning how to create friezes of Greek scenes in art to represent the different eras of Ancient Greece.



French

Getting to know you

★ Children will recap speaking and listening skills and revisit previously-taught vocabulary to speak about themselves.

Science

Properties and Changes of Materials

★ After revising prior knowledge about materials and states of materials, we will plan and conduct several investigations into solubility, reversible and irreversible changes, thermal conductivity, heating and burning, and separating mixtures. We will revise the rules for conducting a fair test and children will be encouraged to question, asking 'what if...?' and to explore their own test criteria.

PSHCE

TEAM

A focus on the positive qualities of a team, learning how to disagree respectfully and communicate effectively. We will look at the key qualities and skills needed for a team to be successful. The lessons address collaborative learning and teach children how to compromise to ensure a group task is completed successfully. The unit ends by addressing the importance of caring for team members and the shared responsibilities a team has.

Music

Developing melodic phrases

★ This Unit of Work celebrates a wide range of musical styles. The clearly sequenced lessons support the key areas of the English Model Music Curriculum; Listening, Singing, Playing Composing and Performing. There are options for assessment, deeper learning and further musical exploration.

RE

What do Muslims believe about God?

★ The children will be studying learning why Allah is important to Muslims, some of the 99 beautiful names for God and why looking after the natural world is so important to Muslims. We will learn about the Prophet Mohammed and visit the Mosque to find out about worship.

Maths

★ Fractions

Equivalent fractions, simplify fractions, improper fractions and mixed numbers, counting in fractions, compare and order fractions, addition and subtract fractions, add fractions within 1, add 3 or more fractions, add and subtract mixed number fractions, subtract breaking the whole, subtract 2 mixed numbers, mixed addition and subtraction

Computing

Online Safety

★ We will learn about cyber-bullying and e-safety, and encourage you to monitor your child's use of technology at home to ensure they are using it safely.

Radio Station

★ Looking at software and digital devices for recording sound, we will take a creative approach that includes interviewing, making adverts and using jingles.

PE

Sports Hall Athletics; Basketball

★ We will learn a range of strategies and tactics to attack and defend.

We will also learn to combine and perform more complex skills at speed.

The children will put their skills and teamwork to the test in games at school and at cluster tournaments.

RE

What are the themes of Christmas? How do Christians prepare for Christmas?

★ In this unit, we look at the symbolism and significance of each of the four Sundays in Advent.

English

Fiction:

★ Shakespeare – The Tempest: poetry, diary entry, playscript

★ A Christmas Carol: diary entry

Non-fiction:

★ Shakespeare – The Tempest: newspaper report

★ Migration: balanced argument

Modern Day Greece

We will be learning about Greece today: finding out about its place in the world using maps, digital maps and atlases to look at the physical and human geography of the country, as well as its climate, and comparing it to home. We shall be taking a closer look at trade, tourism and the impact of migration. We will work with ingredients commonly found in Greece in food technology to design, make and evaluate a range of dishes, and make a toy with a cam mechanism.



French

All about ourselves

★ In this unit, we learn the vocabulary needed to discuss feelings and to be able to use the future tense to describe future ambitions.

Science

Scientists and Inventors

★ We will be learning about notable scientists and inventors whose work has had an impact on our life today, including:

- Stephen Hawking
- Alexander Fleming
- Steve Jobs

In addition, we will be conducting investigations and analysing data to understand the basis of their work.

Music

Snappy Christmas

★ The children will attend the Snappy Christmas town-wide event and in preparation for this, will learn a selection of engaging Christmas songs to perform.

PSHCE

Britain

★ This topic is inspired by the idea that Britain represents a wide range of faiths and ethnicities and that the structures within it are there to support all. It aims to enable the children to identify how they can make a positive contribution to the community. The children will learn about the law and the consequences of not respecting it. They will also learn about the workings of local and national government and the role of charities and voluntary groups in British society.