

Autumn Term Year 4

Maths

In Autumn term of Year 4, following the White Rose scheme, pupils build confidence with numbers to 10,000, using formal methods for addition and subtraction. They develop fluency with multiplication and division facts and apply these in problem-solving. In measurement, they convert units and solve real-life problems involving length, mass, and volume. Problem-solving and reasoning are embedded throughout to build fluency and confidence.

Science

In Year 4 science, linking with our rainforest topic, pupils will learn about animals, including humans, by exploring the digestive system, teeth, and food chains. They also investigate states of matter, comparing solids, liquids, and gases, and observing how materials change state through heating and cooling. Practical activities and experiments help develop enquiry and observation skills.

Art & DT

For Autumn 1, pupils build drawing and sketching skills by exploring line, tone, and texture. They use different techniques and materials to add detail and depth, taking inspiration from artists to develop their own work.

For Autumn 2, In Year 4 design and technology, pupils explore simple circuits by designing and making a steady hand game. They use components like wires and buzzers to create a working product, building their understanding of electronics and practical problem-solving skills.

RE

This term in RE, pupils explore “*Where do religious beliefs come from?*”, investigating sacred texts, traditions, and the ways beliefs are passed down and interpreted.

In Autumn 2, they explore the question “*What do we mean by truth – is seeing believing?*”, encouraging them to reflect on how people know what is true, the role of evidence, faith, and personal experience in shaping understanding.

RAINFORESTS

In this theme, children will explore the wonders of tropical rainforests—from the forest layers and exotic animals to the unique climate. Cross-curricular links in geography, science, and English will deepen their understanding through map work, habitat studies, and rainforest-inspired writing.

English

Using *The Great Kapok Tree* and *The Shaman’s Apprentice* by Lynne Cherry, children will explore a range of writing outcomes, including stories, persuasive letters, non-chronological reports, and diary entries. Daily reading and handwriting sessions will continue throughout the term. Pupils will learn and apply spelling rules for prefixes and suffixes, and grammar will be taught through writing lessons to provide meaningful opportunities for children to practise and embed their skills.

MFL - Spanish

In Year 4 modern foreign languages, pupils use the Languagenut scheme to learn vocabulary and phrases related to school and work. They practise speaking, listening, reading, and writing skills by describing school subjects, routines, and future jobs, helping to build confidence in everyday language use and cultural understanding.

Music

In Year 4 music, pupils follow the Charanga scheme to explore musical structures by recognising patterns, sections, and forms within music. They also learn to express feelings through performance, using dynamics, tempo, and instrumentation to reflect mood. These units develop both technical understanding and emotional connection to music.

PE

In Autumn 1, pupils develop coordination and control through outdoor activities, focusing on movement skills and teamwork. Indoors, they build balance, shape, and rotation skills through gymnastics, linking movements with control and fluency.

In Autumn 2 outdoor PE the pupils will continue with movement. Indoors the pupils develop control, strength, and coordination through travelling, vaulting, and flight, learning how to perform safe and fluent movements using apparatus.

PSHE

In Year 4 PSHE, pupils begin the *myHappyMind* curriculum with Meet Your Brain, where they explore how the brain develops and how practising focus and calm thinking can support learning and emotional regulation. In Celebrate, they reflect more deeply on their personal character strengths and learn how recognising and using these strengths can boost confidence, support wellbeing, and strengthen relationships.

Humanities

In Autumn term of Year 4 Geography will be the main humanities focus, pupils explore the rainforest as a biome, focusing on its human and physical features, climate, and importance to the planet. They also study North and South America, identifying countries, major cities, and key human and physical characteristics, developing their understanding of global geography and environmental diversity.

Computing

In Autumn 1 computing, pupils learn how the internet works by exploring how data is transferred between connected devices and understanding the structure of web networks.

For Autumn 2 computing, the pupils complete the audio production unit, they plan, record, and edit sound clips to create their own digital audio projects, developing skills in both creativity and digital technology.

Spring Term Year 4

Maths

In Spring term, pupils continue to build multiplication and division skills by exploring factor pairs and efficient strategies. They deepen understanding of length and perimeter through practical problem-solving. In fractions, they learn to add, subtract, and find equivalents, while in Decimals A, they begin to recognise and compare tenths and hundredths, linking them to fractions and measurements.

Science

In Year 4 science, pupils explore how sound is made, how it travels, and how it can be changed through pitch and volume. They also investigate electricity by constructing simple circuits, identifying components, and learning about conductors, insulators, and safety. Hands-on experiments support their understanding and scientific enquiry skills.

Art & DT

In Spring 1 for art, pupils develop painting skills by exploring colour mixing, brush techniques, and creating texture. They study the work of different artists for inspiration and apply their skills to produce imaginative and detailed paintings. In Spring 2 design and technology, pupils learn about cooking and nutrition by preparing simple dishes using a range of ingredients. They explore the importance of a balanced diet, develop basic food preparation skills, and understand where food comes from, promoting healthy eating and independence.

RE

In Spring, for RE, Year 4 pupils explore *"How have and do religious groups contribute to society and culture?"*. They learn about the positive impact of different religious communities, both past and present, including their contributions to charity, education, healthcare, and the arts. This unit helps children understand how religious values influence actions and shape the world around us.

The Ancient Greeks

This term, the children will explore The Ancient Greeks. Cross-curricular links in history and English will support their learning through map work, timelines, and engaging historical narratives.

English

Using 'Who Let the God's Out' by Maz Evans, children will explore a range of writing outcomes linked to the theme of '____', including character descriptions, setting descriptions, instructional writing, and narrative stories. They will use the text to develop inference and prediction skills during reading lessons. Daily reading and handwriting sessions will continue throughout the term. Pupils will learn and apply spelling rules for prefixes and suffixes, and grammar will be taught through writing lessons to help children apply their skills.

MFL - Spanish

In Spring term - modern foreign languages, pupils use the Languagenut scheme to learn key vocabulary linked to countries, cultures, and global locations in the *Around the World* unit. In *Healthy Lifestyle*, they explore words and phrases related to food, exercise, and wellbeing, building language skills while promoting cultural awareness and healthy habits.

Music

In Spring learning for music, pupils build teamwork and creativity through composing with others, learning how to combine sounds and rhythms to create original pieces. They also explore how music expresses emotions, using tempo, dynamics, and pitch to reflect different feelings. These units help deepen musical understanding and expressive skills.

PE

For Spring 1 PE, pupils develop strategic thinking and teamwork through outdoor games, learning how to plan and apply tactics in different situations. Indoors, they are introduced to net and wall games, building skills such as aiming, positioning, and rallying to play cooperatively and competitively.

For Spring 2 PE, pupils develop teamwork and strategic thinking through outdoor invasion games, learning how to attack, defend, and move effectively in team situations. Indoors, they build on their skills in net and wall sports, focusing on accurate serving, rallying, and positioning to play both cooperatively and competitively.

PSHE

In Spring term PSHE, pupils continue the *myHappyMind* curriculum with **Appreciate**, where they explore how practising gratitude regularly can improve mood, build resilience, and strengthen relationships. In **Relate**, they deepen their understanding of empathy and teamwork, learning how to navigate social situations with respect, manage conflict calmly, and support others in meaningful ways.

Humanities

This term, children will journey back to Ancient Greece. They'll compare life in Athens and Sparta, discover how religion shaped daily life, and meet some of the Greek gods. Pupils will find out how the Olympic Games began, explore Greek ideas that still influence us today, and learn how Greece was eventually conquered by Rome.

Computing

In Spring 1, pupils develop programming skills by using repetition to create patterns and shapes with code, helping them understand loops and sequences. Spring 2 computing is the data logging unit, they collect, record, and analyse data using digital tools, learning how technology can help observe and interpret real-world information.

Summer Term Year 4

Our World

This term, our theme is *Our World*, with learning linked across subjects to help children explore the geography and history of their local area. Through exciting cross-curricular lessons, children will discover how the landscape has changed over time and how our community connects to the wider world.

Maths

In Summer term, pupils extend their understanding of decimals by comparing, rounding, and applying them in real-life contexts, including money. They learn to tell the time using both 12- and 24-hour formats and solve time problems. In geometry, they explore properties of 2D shapes, angles, symmetry, and coordinates. They also interpret and present data using charts and graphs, and describe movement and position on a grid.

Science

In Year 4, pupils learn about living things and their habitats by exploring how organisms are grouped and how environments can change, sometimes posing dangers to living things. They also study famous scientists and inventors linked to their science topics, deepening their understanding of key concepts in sound, electricity, states of matter, and the human body through real-life discoveries and contributions to science.

PSHE

In Summer term PSHE, pupils complete the *myHappyMind* curriculum with the Engage module, where they focus on setting meaningful goals and developing strategies to stay motivated. They learn how perseverance, planning, and using their personal strengths can help them overcome challenges and achieve success in both their learning and personal development.

RE

In Year 4 RE, pupils build on their understanding of religious diversity and values. In Summer 1, they explore *"Why is there so much diversity of belief in Christianity?"*, learning about different Christian denominations, traditions, and interpretations of core beliefs. In Summer 2, they consider *"What does sacrifice mean?"*, examining this concept across religious and everyday contexts, and reflecting on the reasons people give things up for others or for their beliefs.

English

This term in English, Year 4 will explore *The Boy Who Biked the World* and *The Last Bear*, using these adventure stories to inspire writing such as diaries, letters, descriptions, and narratives. Children will develop their grammar, spelling, and punctuation through meaningful writing tasks, while building reading fluency and comprehension through daily reading sessions.

MFL - Spanish

In Summer term - Year 4 modern foreign languages, pupils use the *Languagenut* scheme to learn vocabulary and phrases related to clothes, shopping, and weather. They practise listening, speaking, reading, and writing skills through role-play and sentence building, helping them apply language in everyday contexts with growing confidence.

Music

In Year 4 music for summer term, pupils explore expression and motivation by performing with confidence and using music to communicate feelings and ideas. In the final unit, *The Show Must Go On!* they bring together their musical skills in a group performance, developing teamwork, stage presence, and a sense of achievement through live performance.

PE

In Summer term, In Year 4 PE, pupils develop stamina, strength, and coordination through athletics, practising running, jumping, and throwing techniques. Indoors, they explore dance by creating and performing sequences with control, rhythm, and expression, often linking movement to music and themes.

Art & DT

In Year 4 Summer 1 for art, pupils explore printing techniques such as block, relief, and repeat printing. They experiment with patterns, textures, and layering, and take inspiration from artists and cultural designs to create their own printed artwork.

In Summer 2 design and technology, pupils learn basic textile skills by designing and making a fabric bag. They practise measuring, cutting, and joining materials using stitching techniques, while exploring the purpose and function of their product. This unit builds creativity, precision, and practical sewing skills.

Humanities

In the summer term, Year 4 begin with geography, developing fieldwork skills through the use of maps, atlases, and digital tools. They learn to use a 4-point compass, understand map symbols, and read grid references to build confidence in navigation.

Pupils will discover how historians have learnt about life in Ancient Egypt through fascinating clues from the past. They'll explore Egyptian beliefs about life, death, and religion, and learn about Tutankhamun and the remarkable discovery of his tomb. Pupils will also investigate how the achievements of Ancient Egypt continue to influence and inspire us today.

Computing

In Summer 1 computing, pupils learn how to edit digital images by exploring cropping, layering, and applying effects to create purposeful visual content. Summer 2 computing is Programming B, pupils build on their coding skills by using repetition to design and develop simple games, improving their understanding of loops, events, and sequences in programming.