

Autumn Term Year 3

Maths

In Year 3 maths, following the White Rose scheme, pupils begin by developing a strong understanding of place value, working with numbers up to 1,000. They then move on to addition and subtraction, using formal written methods and applying their skills to solve problems. In Multiplication and Division A, pupils build their recall of times tables and related division facts, laying the foundation for more complex calculations later in the year.

English

In English, the children will continue to use core texts to explore ideas for reading and writing. They will learn relevant aspects of spelling and grammar. Daily reading and weekly handwriting will continue throughout this term.

Science

In Year 4 science, pupils study rocks and soils, learning to identify different types of rocks, how they are formed, and how soil is made. They compare properties such as hardness and permeability and explore fossils and their formation. In animals including humans, pupils learn about nutrition, skeletons, and muscles, understanding what animals need to survive and how their bodies support movement and protection.

RE

In Year 3 RE, pupils explore how beliefs are lived out and understood. In Autumn 1 they investigate how people show commitment to a religion or worldview through rituals, actions, symbols, and community life. In Autumn 2, they are introduced to the Christian concept of the *Trinity*, learning how God is understood as Father, Son, and Holy Spirit, and how this belief shapes worship and practice.

Theme: Back to the Stone Age!

In this theme, children explore life in the Stone Age, with cross-curricular links in English and History, using stories and sources to understand how early humans lived, hunted, and built shelters.

Art & DT

For Autumn 1, pupils develop drawing skills by exploring line, shape, texture, and tone using tools like pencils and charcoal. They create both observational and imaginative work, taking inspiration from artists and beginning to evaluate and improve their own pieces. For Autumn 2, in Year 3 DT, pupils learn about structures by designing and building a model bridge. They explore how to make structures strong, stable, and fit for purpose, using different materials and joining techniques to solve real-world design challenges.

MFL - Spanish

In Year 3 Spanish, following the Languagenut scheme, pupils learn to introduce themselves, talk about their age, and share basic personal details. They explore vocabulary for **hobbies** and **pets**, expressing preferences and describing animals, helping to build confidence in speaking, listening, and reading.

Music

In Year 3 music, pupils follow the Charanga scheme, starting with Unit 1, where they develop their performance skills through singing and playing tuned percussion, focusing on pulse, rhythm, and pitch. In Unit 2, they build on these skills by listening to and appraising different styles of music, exploring how musical elements are used to create mood and meaning, while continuing to improve their singing and instrumental technique.

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.

Wellbeing (PSHE)

In Year 3, pupils begin the *myHappymind* curriculum with Meet Your Brain, deepening their understanding of how the brain works and how it helps them manage emotions, focus, and learn. They then move on to Celebrate, where they explore a wider range of character strengths, learning how to recognise and use them to build self-confidence and support positive relationships.

Humanities

In Autumn term of Year 3 history, pupils explore life in prehistoric Britain by studying the Stone Age. They learn about how early humans lived, hunted, gathered food, and used tools. Pupils also investigate how life changed over time through the development of farming, settlements, and the use of materials, helping them understand how early societies began and evolved.

Computing

In Autumn term, pupils begin by learning how computers are connected in networks and how they communicate, helping them understand the basics of digital systems. They then explore stop-frame animation by creating short animated sequences, developing skills in planning, capturing images, and sequencing to tell a simple story using digital tools.

Spring Term Year 3

Maths

In Year 3 maths, following the White Rose scheme, pupils continue to develop their fluency in multiplication and division, focusing on scaling and problem-solving strategies. They explore length and perimeter, measuring accurately and calculating the perimeter of simple shapes. In Fractions A, pupils are introduced to unit and non-unit fractions, recognising and finding fractions of amounts. They also study mass and capacity, using appropriate units to measure, compare, and solve practical problems involving weight and volume.

English

In English, the children will continue to use core texts to explore ideas for reading and writing. They will learn relevant aspects of spelling and grammar. Daily reading and weekly handwriting will continue throughout this term.

Science

In Year 3 science, pupils explore forces and magnets, learning how objects move on different surfaces and how magnets attract or repel each other. They investigate magnetic materials and understand the concept of magnetic poles. In the scientists and inventors unit, pupils learn about key figures in science, their discoveries, and how their work has impacted the world, helping to inspire curiosity and appreciation for scientific progress.

RE

In Spring's RE, the pupil's learning focuses on exploring how people make moral decisions. Pupils consider where ideas of right and wrong come from and learn how different religions, worldviews, and philosophies guide moral choices. Through stories, discussions and scenarios, they begin to reflect on their own values and what influences the decisions people make in everyday life.

Theme – May the Force Be With You!

In this theme, the children explore forces and magnets through hands-on investigations, with cross-curricular links across most subjects especially in English and DT, where they design and make moving toys using pneumatics.

Art & DT

In Spring 1 art, pupils explore painting by learning how to mix colours, use different brush techniques, and apply paint to create texture and effect. They study the work of artists to inspire their own pieces and begin to express ideas and emotions through colour and composition.

In Spring 2 DT, , pupils explore pneumatics by designing and making a moving toy that uses air pressure to create movement. They learn how simple pneumatic systems work and apply this knowledge to build and test their own functional models, developing problem-solving and construction skills.

MFL - Spanish

In Year 3 Spanish, following the Languagenut scheme, pupils learn to describe where they live, including types of homes and places in a town. They also explore the topic How I Look, using vocabulary to describe hair, eye colour, and other basic features, helping to build confidence in speaking and writing about themselves.

Music

In Year 3 music, , focusing on playing tuned percussion with greater accuracy and control. In Unit 3, they build their listening and appraisal skills by exploring a variety of musical styles and discussing instruments, tempo, and dynamics. In Unit 4, pupils are introduced to composition, using percussion instruments to create simple rhythmic and melodic patterns, helping them express ideas and begin to understand musical structure.

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.

Wellbeing (PSHE)

In Year 3 PSHE, pupils continue the *myHappyMind* curriculum with Appreciate, where they explore gratitude in greater depth and learn how recognising the positives in themselves and others can support emotional wellbeing. In Relate, they build on their relationship skills by practising empathy, active listening, and teamwork, helping them form stronger, more respectful connections with others.

Humanities

In Spring term Year 3 geography, pupils study the River Thames, learning about its features, importance, and how it has shaped the surrounding landscape and human activity. They also explore the countries of Europe, locating them on maps and comparing their physical and human characteristics, helping to develop their understanding of regional geography.

Computing

In Year 3 computing, pupils begin Programming A by learning how to create sequences of instructions to produce sounds, using code to control timing and order. They then move on to data handling in the form of branching databases, where they classify and sort information using yes/no questions, helping them develop logical thinking and data organisation skills.

Summer Term Year 3

Maths

In Year 3 maths, following the White Rose scheme, pupils build on their understanding of fractions, learning to add, subtract, and compare fractions with the same denominator. They explore money, converting between pounds and pence and solving real-life problems involving change. In time, pupils read analogue and digital clocks, including using a.m. and p.m., and calculate durations. They also study shape, identifying angles, lines, and properties of 2D and 3D shapes, and develop their data handling skills through statistics, interpreting and presenting information in tables, pictograms, and bar charts.

English

In English, the children will continue to use core texts to explore ideas for reading and writing. They will learn relevant aspects of spelling and grammar. Daily reading and weekly handwriting will continue throughout this term.

Science

In Year 3 science, pupils learn about plants, exploring their parts, functions, and what they need to grow, including water, light, and nutrients. They also investigate the life cycle of plants, including pollination and seed dispersal. In the light and sound units, pupils study how light travels, how shadows are formed, and how we see things. They also explore how sounds are made, how they travel, and how pitch and volume can be changed.

RE

In Summer 1, pupils explore Muslim beliefs about God, focusing on the concept of Allah, the importance of the Qur'an, and the role of the Prophet Muhammad. In Summer 2, children explore how these beliefs shape a Muslim's daily life, including prayer, fasting, dress, and community values. Pupils gain insight into how faith influences identity, choices, and routines.

Theme - Raiders and Rulers: The Romans

In this theme, the children explore the Roman Empire and its impact on Britain, with cross-curricular links across all subjects. Throughout the term, they will be investigating Roman life, invasions, and legacy.

Wellbeing (PSHE)

In Summer term PSHE, pupils complete the *myHappyMind* curriculum with the Engage module, where they learn how to set personal goals and understand the importance of effort, perseverance, and a positive mindset. They explore how using their character strengths can help them stay motivated, overcome challenges, and achieve success both in and out of the classroom.

MFL - Spanish

In Year 3 Spanish, following the *Languagenut* scheme, pupils learn vocabulary for animals, describing them using colours and sizes. They also explore the topic of food and drink, learning to name common items, express likes and dislikes, and begin simple conversations around meals, supporting both speaking and listening skills.

Music

In Year 3 music, pupils continue their learning through the *Charanga* scheme with a focus on composition in Units 5 and 6. They apply their knowledge of rhythm, pitch, and structure to create their own musical pieces using tuned percussion and voice. Pupils work both independently and in groups to explore ideas, refine their work, and perform their compositions, developing creativity, confidence, and an understanding of musical expression.

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 3 Summer 1 art, pupils explore 3D sculpture and collage by working with materials like clay, paper, and fabric. They learn techniques for shaping, joining, and layering to create textured, expressive artworks inspired by artists and themes.

In Summer 2, in Year 3 DT, pupils explore food and nutrition by planning and preparing items for a healthy afternoon tea. They learn basic food preparation skills such as cutting, spreading, and assembling, while understanding the importance of a balanced diet and food hygiene.

Humanities

In Summer 1 History, pupils study the Roman Empire and its impact on Britain. They learn about the Roman invasion, key figures such as Julius Caesar and Boudica, and the changes the Romans brought, including roads, baths, and towns. Pupils explore what life was like in Roman Britain and how Roman culture has influenced modern society.

In Summer 2, Geography, pupils develop fieldwork and map skills by using maps, atlases, and globes to locate places. They learn basic compass directions, map symbols, and grid references, and carry out local fieldwork to observe and record geographical information.

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.