



Curriculum Overview Year 3

At Westgate, we organise our curriculum themes on a two-year rolling programme so that consecutive year groups plan and learn together, while learning is made age-appropriate through differentiation, teacher expectation and challenge.

In addition to the National Curriculum, we also teach Philosophy for Children (P4C) across school. Our Foreign Language is Spanish and is taught from Reception upwards.

Our curriculum is designed to be relevant to the children we teach, to connect with the local and wider community, to promote enquiry and independence, to prepare them for life in the 21st century, and above all to be exciting and engaging. We ensure this through a hands-on, practical approach, drawing on visits, visitors and themed events in order to inspire children as learners.

Summary of curriculum content in this phase:

Year A

English: Literacy is taught everyday with an additional guided reading, spelling and handwriting session each week. A range of genres are taught throughout the year, such as, non-fiction, fiction and poetry. **Fiction topics are:** stories from familiar settings, play scripts, stories by significant authors, stories with imaginary settings, stories from other cultures and stories in chapters/series. **Non-fiction texts:** instructions, recounts/newspapers, explanations, dictionary skills and how to navigate around information books. **Poetry units:** pattern and rhyme, shape poems and different types of poems. There is also a daily spelling, grammar and punctuation session to develop key skills.

Mathematics: Maths is taught every day with a mental and oral starter. Throughout the Year, the children cover the following topics:

- 1. Number, place value, rounding-** children compare and order numbers to 1000, recognise the value of digits, estimate and round to the nearest 10 and 100, and count in multiples of 4s, 8s, 50s and 100s. Children also learn to find ten more and less than a given number.
- 2. Addition and subtraction**
Children learn to develop mental strategies for addition and subtraction and progress onto more formal written methods throughout the year. Through applying their skills and techniques they learn to solve problems involving addition and subtraction.
- 3. Multiplication and division**
In Year 3 we have regular practice of multiplication tables and associated division facts, this is reinforced through their times table challenges every week. We use number lines and arrays to help support the children with multiplication and division.

4. Fractions

Children are introduced to unit and non-unit fractions as numbers on the number line, and deduce relations between them, such as size and equivalence. They look at fractions in the context of parts of a whole, numbers, measurements, a shape, and unit fractions as a division of a quantity. Following on from this, we practise adding and subtracting fractions with the same denominator.

5. Geometry: shape

Children explore symmetrical and non-symmetrical shapes, describe the properties of 2-D and 3-D shapes using accurate language, including lengths of lines and acute and obtuse for angles greater or lesser than a right angle.

6. Measures and data

Children learn to use a range of scales and different representations of data in many different contexts. Children use both analogue and digital 12-hour clocks and record their times. In this way they become fluent in and prepared for using digital 24-hour clocks in Year 4.

Science: The science topics this year are; forces, magnets and electricity. The children carry out experiments with materials, looking at the properties of materials and what makes a good insulator. Moving onto Electricity the children investigate electrical circuits and use this to design and make a torch. When learning about animals and humans the children explore skeletons and categorising living things.

PE: Over the course of the year the children develop a range of skills, such as, coordination, team work, throwing and catching skills. These are all developed through a range of sports: cricket, table tennis, rugby, hockey, exercise, fitness, rounders, football and ultimate Frisbee.

Computing: Throughout the course of the year the children in Year 3 develop their word processing skills through using word documents, learn how to use emails, internet safety, programming, photography and networking.

History: The History topics this year are Romans and Invaders and Settlers. Children will look at positions of time and learn to place events into chronological order. They will learn about Roman life, what it was like to be a Roman, what the Romans did for us and they will also learn about the architecture. Through our Vikings topic the children will learn about Viking invasions and settlers.

Geography: UK and Europe: During this topic the children develop their mapping skills, look at countries, continents and cities. The children will also look the physical features of UK and Europe and famous monuments. Throughout the topic the children will build up their knowledge of places in the UK and Europe and they will end the topic with a research project.

Music : Through singing and playing instruments, children actively develop musical skills in performing, composing, listening and reviewing. Children learn songs and create music across a range of styles, which are linked to other curriculum areas where appropriate.

Art & Design: This year the children explore pattern, shape, mosaic designs, painting and drawing and sketching. During the topic Monet, they explore painting and combining pastels and chalk. When studying the Vikings the children learn about patterns and shapes by exploring Viking Runes on clay carving and working in 3D form. Linked to their work on the Romans they explore mosaic designs and the children create their own.

Design & Technology: Linked to the UK and Europe topic the children develop their textile skills through designing and making travel pillows. In the summer term the children investigate structures and architecture, looking at how to reinforce and make a stable structure. The children test and evaluate their designs suggesting ways to improve their structures. Our Food and nutrition topic will explore different types of bread linking to our Roman topic.

Languages (Spanish): Every other half term the children have a language specialist teacher who teaches Spanish. They will reinforce vocabulary learned in previous years as well as learning new language such as how to describe themselves, parts of the body and classroom objects.

PSHE

During our drugs topic we will learn how drugs (including medicines) can be harmful to people and about the effects and risks of smoking tobacco and second hand smoke. Our lessons on bullying will focus on how to recognise bullying, how it can make people feel, the different types of bullying and how to respond to incidents of bullying. Our MindMate lessons will look at celebrating achievements and how to deal with setbacks. We will also look at celebrating differences and how we belong to a community. Our physical health and wellbeing topic will focus on making healthy choices about food and drinks, how branding can affect what foods people choose to buy and about keeping active and some of the challenges of this.

Year B

English: Literacy is taught everyday with an additional guided reading, spelling and handwriting session each week. A range of genres are taught throughout the year, such as, non-fiction, fiction and poetry. **Fiction topics are:** stories from familiar settings, play scripts, stories by significant authors, stories with imaginary settings, stories from other cultures and stories in chapters/series. **Non-fiction texts:** instructions, recounts/newspapers, explanations, dictionary skills and how to navigate around information books. **Poetry units:** pattern and rhyme, shape poems and different types of poems. There is also a daily spelling, grammar and punctuation session to develop key skills.

Mathematics: Maths is taught every day with a mental and oral starter. Throughout the Year, the children cover the following topics:

- 7. Number, place value, rounding-** children compare and order numbers to 1000, recognise the value of digits, estimate and round to the nearest 10 and 100, and count in multiples of 4s, 8s, 50s and 100s. Children also learn to find ten more and less than a given number.
- 8. Addition and subtraction**
Children learn to develop mental strategies for addition and subtraction and progress onto more formal written methods throughout the year. Through applying their skills and techniques they learn to solve problems involving addition and subtraction.
- 9. Multiplication and division**
In Year 3 we have regular practice of multiplication tables and associated division facts, this is reinforced through their times table challenges every week. We use number lines and arrays to help support the children with multiplication and division.
- 10. Fractions**
Children are introduced to unit and non-unit fractions as numbers on the number line, and deduce relations between them, such as size and equivalence. They look at fractions in the

context of parts of a whole, numbers, measurements, a shape, and unit fractions as a division of a quantity. Following on from this, we practise adding and subtracting fractions with the same denominator.

11. Geometry: shape

Children explore symmetrical and non-symmetrical shapes, describe the properties of 2-D and 3-D shapes using accurate language, including lengths of lines and acute and obtuse for angles greater or lesser than a right angle.

12. Measures and data

Children learn to use a range of scales and different representations of data in many different contexts. Children use both analogue and digital 12-hour clocks and record their times. In this way they become fluent in and prepared for using digital 24-hour clocks in Year 4.

Science: The science topics this year are: **Sound, light, All living things, Plants and Rocks.**

The children carry out experiments with sounds, looking at how sounds are made, how they travel and how they can be measured. When learning about living things and plants the children explore the local area and learn about habitats and how plants grow well. Linked to our topic 'Stone Age' we explore different rock types looking at their properties and their uses.

PE: Over the course of the year the children develop a range of skills, such as, coordination, team work, throwing and catching skills. These are all developed through a range of sports: cricket, table tennis, rugby, hockey, exercise, fitness, rounders, football and ultimate Frisbee.

Computing: Throughout the course of the year the children in Year 3 develop their word processing skills through using word documents, learn how to use emails, internet safety, programming, photography and networking.

History: The historical topics are: '**Ancient Egypt**' and '**Stone Age/Iron Age**'. During the Ancient Egypt topic the children explore what life in Ancient Egypt was like, why and how they built the pyramids and examine the significance of the Tutankhamen discovery. In the Stone Age and Iron Age topic the children focus on prehistoric Britain, looking at timelines and how humans first came to Britain, how they lived and what developments were made in each era.

Geography: INDIA: During this unit children develop mapping skills, learn about the physical and human features of India and explore what it is like to be a child living in India. Further into this topic the children explore Nepal and learn about mountains.

Music: Through singing and playing instruments, children actively develop musical skills in performing, composing, listening and reviewing. Children learn songs and create music across a range of styles, which are linked to other curriculum areas where appropriate.

Art & Design: Linked to the India topic the children explore patterns, shapes and symmetry through Indian art work. They develop their artistic skills and imagery about Journey's in real life and in their own imaginations using stimulus from the many inspiring images from India. Linked to the Egyptian topic children explore working in 3D form by using clay and collage to create Egyptian canopic jars, gods and sarcophagus'. Working in 3D form is developed further into our Stone Age topic where the children look at sculptures and explore these with a visit to the Yorkshire Sculpture Park.

Design & Technology: This year the children develop their food technology skills and their understanding of a balanced varied diet through designing and making a healthy snack. When

looking at books for a range of audiences the children get to investigate mechanisms and levers. They plan and design and moving book. They also look at electrical systems.

Languages (Spanish): Every other half term the children have a language specialist teacher who teaches Spanish. They will reinforce vocabulary learned in previous years as well as learning new language such as how to describe themselves, parts of the body and classroom objects.

PSHE

During our drugs topic we will learn how drugs (including medicines) can be harmful to people and about the effects and risks of smoking tobacco and second hand smoke. Our lessons on bullying will focus on how to recognise bullying, how it can make people feel, the different types of bullying and how to respond to incidents of bullying. Our MindMate lessons will look at celebrating achievements and how to deal with setbacks. We will also look at celebrating differences and how we belong to a community. Our physical health and wellbeing topic will focus on making healthy choices about food and drinks, how branding can affect what foods people choose to buy and about keeping active and some of the challenges of this.