



## **Curriculum Overview Year 2**

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 21<sup>st</sup> 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**

The children will look at a range of fiction text types including stories with familiar settings, traditional tales and stories from other cultures. In non-fiction work the children will learn how to use and write recounts, instructional texts and non-chronological reports.

Children will use adjectives, similes and metaphors to write descriptive poetry. In the summer term we enjoy looking at nonsense poetry, riddles and limericks.

##### **Spelling, punctuation and grammar**

Year 2 will revise work done in Year 1 on sentence structure, capital letters and full stops. We will also be looking at other types of punctuation including commas, exclamation marks and question marks. Year 2 will look at different sentence types and using all 3 tenses in their writing; past, present and future.

We will be doing lots of work on nouns, adjectives, verbs and adverbs. This will include creating noun phrases and practicing redrafting and improving our writing. They will learn about clauses and extended noun phrases.

We will also learn how to use apostrophes correctly.

##### **Phonics**

By year 2 the majority of children should be able to read hundreds of words, doing this in three ways:

- reading the words automatically if they are very familiar;
- decoding them quickly and silently with well-established sounding and blending;

- decoding them aloud using their phonic knowledge.

In phonics the children will revise phase 5 before moving on to the Year 2 CEW and spelling patterns. During this phase, children become fluent readers and increasingly accurate spellers. We will look at homophones and near homophones – words which sound the same but are spelt differently and have different meanings

## **Mathematics**

### **Number and place value**

Children will be taught to count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward, recognise the place value of each digit in a two-digit number, identify, represent and estimate numbers using different representations, including the number line, compare and order numbers from 0 up to 100; use  $<$ ,  $>$  and  $=$  signs, read and write numbers to at least 100 in numerals and in words and use place value and number facts to solve problems.

### **Addition and subtraction**

In Year 2 children will solve problems with addition and subtraction, recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100, add and subtract numbers using concrete objects, pictorial representations, and mentally, including, show that addition of two numbers can be done in any order and subtraction of one number from another cannot and recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

### **Multiplication and division**

In Year 2 children will learn to recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers, calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals ( $=$ ) signs and show that multiplication of two numbers can be done in any order and division of one number by another cannot.

### **Fractions**

Children will recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$  of a length, shape, set of objects or quantity and write simple fractions for example,  $\frac{1}{2}$  of 6 = 3 and recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$ .

### **Measurement**

In Year 2 children will learn to choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ( $^{\circ}\text{C}$ ); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels and compare and order lengths, mass, volume/capacity and record the results using  $>$ ,  $<$  and  $=$ .

### **Geometry**

Children will identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line, identify and describe the properties of 3D shapes, including the number of edges, vertices and faces, identify 2D shapes on the surface of 3D shapes and compare and sort common 2D and 3D shapes and everyday objects. They will also order and arrange patterns of mathematical objects in patterns and sequences, use mathematical vocabulary to describe position, direction and movement, use mathematical vocabulary to

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## **Science**

### **Living things and their habitats.**

The children will find out about living things and their habitats by exploring and comparing the differences between things that are living, dead, and things that have never been alive. They will identify and name the habitats of living things and describe the basic needs of both plants and animals, including humans.

#### **Plants.**

In Year 2 they will observe and describe how seeds and bulbs grow and find out and describe how plants need water and light to grow.

#### **Animals, including humans.**

The children will find out that animals, including humans, have offspring which grow into adults. We will find out about and describe the basic needs of animals, including humans, for survival (water, food and air). We will describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. This will link with work in PHSCE on Healthy Living.

## **Materials**

In Year 2 we will look at Materials and identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Work in materials will also include finding out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

## **PE**

PE lessons will cover work on Games, Dance and Gymnastics. We will work on both individual skills and team work. 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**

In Year 2 we learn how to code using Scratch. We investigate how computer games are created and developed. We look at branching databases, internet safety and email and photo editing.

## **Music and Sounds**

Children experiment with devices to create simple pieces of music. They record their voices or pieces of music and play them back. In music the children will be exploring sounds, duration, pulse and rhythm, pitch, instruments and symbols, timbre, tempo and dynamics.

## **History**

As part of the History curriculum the children will learn about the history of our school. We will discover what it was like to be a local mill child and how education has changed since Victorian times.

We will learn about Samuel Pepys and the Great Fire of London.

They will learn about changes within living memory and look at aspects of change in national life. We will learn about the first moon landings and changes in space travel.

## **Geography**

The UK. The children will name and locate the world's seven continents and five oceans. They will name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas.

As part of the topic In and Around Westgate we will be using a range of geographical skills and fieldwork. We will also learn about the location of hot and cold places through our Jungle topic.

## **Art & Design**

Clay, sculptures by Andy Goldsworthy and Georgia O'Keefe with a focus on colour mixing.

## **Design & Technology**

Year 2 will designing and making Space buggy vehicles.

We will be finding out about healthy food, preparing and cooking food and designing our own recipes.

Our textiles topic is designing a school uniform for a teddy.

## **Languages (Spanish)**

Every week, the children in Year 2 are taught Spanish by a specialist language teacher and native speaker. They will learn vocabulary such as their daily routine, describing animals with colours, days and months, and food.

## **PSHE**

We will learn about the importance of keeping healthy through eating well and the importance of sleep and rest. In our MindMate lessons we will focus on the importance of special people, friendships and how we can solve problems that might arise between our friends. In our Sex and relationship topic we will look at the biological differences between male and female children. The role of the life cycle and how we care for each other. We will also look at safety both inside and outside the home. This will consist of fire safety, road safety and personal safety. In our drugs topic we will look at why we take medicines and how to keep ourselves safe.

## **Year B**

### **English**

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## **History**

“Remember Remember.” In our Remembrance Day work the children will be learning about events beyond living memory. We will visit a Cenotaph and find out about the importance of poppies in Remembrance Day celebrations. They will also learn about Guy Fawkes.

We will visit Skipton Castle as part of our castles topic and in the Summer term we will learn about famous Queens.

## **Geography**

Kenya - Year 2 will begin to understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom (Otley) and of a small area in a contrasting non-European country (Kenya).

We will investigate weather and seasons throughout the world by our topics The Four Seasons and My World and Me.

## **Music**

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## **Art & Design**

We will look at sculpture, water colour and African masks.

## **Design & Technology**

In D.T. we will be designing and making Pizzas, moving pictures and textile puppets.

## **Languages**

Every week, the children in Year 2 are taught Spanish by a specialist language teacher and native speaker. They will learn vocabulary such as their daily routine, describing animals with colours, days and months, and food.

## **PSHE**

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