



This is what we are learning in Year 2

Science

Plant growth

We will be planting seeds and observing their growth. We will be learning about:

- what a seed is.
- what germination is.
- what a seed needs to germinate.
- what growth is and how we measure it.
- what plants need to grow.
- where fruits and vegetables come from.

We will be going on a trip to RHS Bridgewater to support our learning in this topic.

Needs of animals

We will be learning about what animals, including humans, need to survive.

We will be focusing on:

- water, food and air.
- offspring.

Geography (Autumn 1)

Here I am

We will be learning about our local area, identifying physical (rivers, forest, mountains) and human (buildings, structures) features on a map and carrying out field work. We will explore the local area to gain first-hand experience of what it means to be a geographer.

History (Autumn 2)

My Family History

We will be learning about the subject of history and how to be a historian, by thinking about history within living memory. We will be focusing on:

- ordering events in our own lifetimes and those of our families.
- family trees.
- using sources to find out about the past.

Computing

Autumn 1 – Computing systems and networks: IT around us – We will develop our understanding of what information technology (IT) is and will begin to identify examples. We will discuss where we have seen IT in school and beyond. We will then investigate how IT improves our world, and we will learn about the importance of using IT responsibly.

Autumn 2 – Programming: Robot algorithms – We will develop our understanding of instructions in sequences and the use of logical reasoning to predict outcomes. We will use given commands in different orders to investigate how the order affects the outcome. We will also learn about design, testing and debugging in programming.

PSHE

Living in the wider world

We will be learning about:

Belonging to a community – About the rules we have in different situations and why we have them. How to look after the environment.

Media literacy and Digital resilience - How and why people use the internet. How people find things out and communicate safely with others online.

Money and Work – About different jobs and the work people do. How different strengths and interests are needed to do different jobs. What money is and how people use it.

Design Technology (Autumn 1)

Food: Fruit kebabs

We will be designing and making our own fruit kebabs. We will think about the different tastes and textures of different fruits we could use and create a fruit kebab by preparing the different fruits.

Art and Design (Autumn 2)

Portraits (Observational drawing)

We will be observing and representing the features of a face by creating a portrait. We will be focusing on the features of a face and representing them in an appropriate size. We will draw and paint a portrait.

Music

Autumn 1 – We will be exploring South African music, including a song called 'Hands, Feet, Heart'. We will be learning some notes on instruments, to practise melody.

Autumn 2 - We will be learning how pulse, rhythm and pitch work together, using rap songs, 'Rhythm in the Way we Walk' and 'Banana rap'.

We will be working with the 'Voices Foundation' to learn how to sing with greater impact.

PE

Autumn 1 – We will be learning and developing ball skills and in fitness, we will be 'Mighty Movers'- running with balance and coordination.

Autumn 2 – We will be learning and developing our gymnastic skills and in fitness, we will be skipping to the beat.

Religious Education

We will be thinking about these questions:

1. Does God want Christians to look after the world?
2. What gifts might Christians in my town have given Jesus if he had been born here rather than in Bethlehem?



English

We will be **reading** the texts 'The Puffin Book of First Poems', 'The Adventures of Beekle: The Unimaginary Friend', 'The Lost Property Office', 'Hansel and Gretel', 'The Way Back Home' and 'Cities of the World'.

We will be **writing** personal narratives and also taking writing opportunities from the texts we have read. This will include writing poetry, retelling narrative, developing description, thinking about character and setting, and writing about real life.

We will be consolidating our **grammar and punctuation** work from Year 1 and adding new Year 2 learning as we go along:

- leaving spaces between words
- full stops, capital letters, question marks and exclamation marks to demarcate sentences
- using commas to separate items in a list
- apostrophes to mark where letters are missing in spelling and to mark singular possession
- capital letters for names and for the personal pronoun 'I'
- joining sentences using *or*, *and*, *but* (co-ordination) and *when*, *if*, *that*, *because* (sub-ordination)
- correct and consistent use of present tense and past tense

In spelling, we will be:

- recapping Year 1 common exception word spellings and learning Year 2 words.
- continuing to practise all of the Read, Write Inc sounds.
- developing strategies for learning to spell new words and proofreading.
- learning to spell homophones (words which sound the same but are spelt differently and have different meanings).

Maths

Numbers to 100

- Reading, writing and counting numbers to 100
- Place value
- Comparing and ordering numbers
- Making number patterns

Addition and subtraction

- Simple adding and subtracting
- Adding and subtracting with renaming
- Addition of three numbers

Multiplication and division

- 2-, 5- and 10-times tables
- Multiplication as equal groups
- Dividing by 2, 5 and 10
- Division as grouping
- Division as sharing
- Odd and even numbers
- Solving word problems using multiplication and division

Measurement

- Length (measuring in metres and centimetres)
- Mass (measuring in kilograms and grams)