

## Writing

Text: The Watertower  
Written by author Gary Crew and illustrated by Steven Woolman

Product: Newspaper report and diary entry.

GPS taught:  
Semi colons for a list.

GPS revisited.  
Headings/ sub-headings  
Directed speech.  
Relative clause  
Parenthesis.

## Science

Living things: Evolution and inheritance

Define and identify variation in organisms and recall that it is caused by inherited and environmental factors.

Recall that living things produce offspring of the same kind but are not normally identical to their parents.

Describe patterns of inheritance from parent to offspring in a given example or family tree.

Describe what an adaptation is; it cannot be chosen and is usually inherited.

Describe key characteristics that would help an organism to survive and explain how an adaptation helps the organism to survive.

Explain how variation may affect survival within a population and recall what natural selection means.

Recall what evolution is, identify differences between a living thing and its ancestor and describe key steps in the evolution of a species.

Recall different types of evidence that can be used to explain evolution and describe methods that make scientists' results or conclusions more trustworthy.

## Class 4 Learning Overview Block 5

### PE Athletics

#### Music

##### South and West Africa

Sing using the correct pronunciation and with increasing confidence.

Play a chord with two notes, remaining in time.

Maintain their part in a performance with accuracy.

Play the more complicated rhythms in time and with rests.

Create an eight beat break and play this in the correct place.

#### RE

Why is there suffering 2 ?

Make links between the creation story in Genesis and the concept of suffering.

Suggest some ideas as to why suffering exists in the world.

Discuss passages from Genesis that relate to free will, demonstrating an understanding of context.

Identify different reasons why humans may make choices that cause suffering.

Draw connections between stories from scripture.

Explain why some people turn to prayer during times of suffering.

Make connections between teachings about Jesus and how some Christians view and respond to suffering.

## Maths

Year 5/6 Maths Overview (White Rose Units)

In these units, children follow the White Rose Maths approach, building understanding through small, carefully sequenced steps. They develop fluency, deepen reasoning, and apply their learning to a range of problem-solving contexts.

Area, Perimeter and Volume

Children build on prior knowledge of measuring length to calculate perimeter and area of rectilinear shapes, before progressing to more complex shapes. In Year 6, they extend this understanding to volume, using concrete and pictorial representations before moving to abstract calculations.

Shape

Pupils explore the properties of 2D and 3D shapes, including angles, symmetry, and nets. They develop accuracy in measuring and drawing angles, and use mathematical vocabulary to classify and compare shapes, explaining their reasoning clearly.

Position and Direction

Children use coordinates in all four quadrants and describe position using translation and reflection. They interpret and give precise mathematical instructions, developing spatial awareness and reasoning about movement on a grid.

Statistics

Pupils interpret, construct, and compare a variety of charts and graphs, including line graphs. They learn to extract, present, and analyse data, using it to answer questions and

## PSHE

Economic wellbeing

Understand that there can be a range of feelings related to money and the desire to spend and save.

Understand their responsibilities in keeping money safe in the bank.

Understand that stereotypes can exist in the workplace and how these can affect people.

Understand what gambling is and some risks associated with it.

## DT

### Digital world: Navigating the world

Incorporate key information from a client's design request such as 'multifunctional' and 'compact' in their design brief.

Write a program that displays an arrow to indicate cardinal compass directions with an 'On start' loading screen.

Identify errors (bugs) in the code and suggest ways to fix (debug) them.

Self and peer evaluate a product concept against a list of design criteria with basic statements.

Identify key industries that use 3D CAD modelling and why. Recall and describe the name and use of key tools used in Tinkercad (CAD) software.

Combine more than one object to develop a finished 3D CAD model in Tinkercad.

Complete a product pitch plan that includes key information.

## History

### What is the legacy of the ancient Greek civilisation?

L.O. To explain where and when the ancient Greeks lived.

L.O. To identify ancient Greek beliefs by exploring their gods and goddesses.

L.O. To use a range of secondary sources to identify similarities and differences between Athens and Sparta.

L.O. To use research to explore the significance of the ancient Greek philosophers.

L.O. To plan a debate recognising how Athenian democracy worked.

L.O. To participate in a debate.

## Reading comprehension

### Earth's geography

Find and copy one word that means...

Give three reasons why...  
Why/how...is/did...? Give two reasons

### How are volcanoes formed?

... is closest in meaning to...

What...?

Sequence the information

### The car trip

Find and copy one word...

What...?

Why...?

### A gunner's day

Find and copy one word...

What...?

Why...?

### Reginald Joseph Mitchell

Find and copy one word...

What...?

Why...?

## Homework

### Year 5:

TTRS

Spellings

SATs companion

### Year 6

TTRS

Spellings

SATs companion

## Computing

### Big Data 2

Explain why barcodes and QR codes were created.

Follow a QR code treasure trail.

Explain how infrared can be used to transmit data.

Explain how RFID works.

Recall the use of RFID chips.

Describe real-world uses of RFID.

Input data and type formulas into a spreadsheet.

Independently sort and analyse spreadsheet data to conclude customer scenarios.