



# Whitehouse Primary School

## Year 5



### Art – Chromatic

In this final painting and collage unit, children will build on the knowledge and skills they have studied through KS2 and KS1. They will learn specific skills and techniques to confidently use the seven elements of art within their own work. They will use watercolour paints with proficiency and control and understand that art can reflect and impact society. They will have considered the sustainability and environmental impact of art and will be able to articulate their observations.

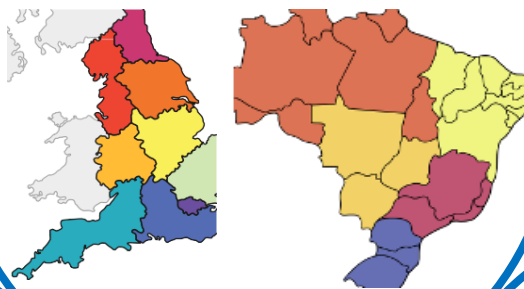


### Geography – North Region of Brazil

Children will recap their region's key human and physical features in England. Children will discover South America's different countries and capital cities and then focus on the North Region of Brazil.

Children will learn the human and physical features of the North Region of Brazil, including biomes, climate zones and vegetation belts. They will learn about the physical processes of rivers, mountains and the water cycle.

### My region and the North region of Brazil



### Science – Properties and Changes of Materials

Children will consolidate previous learning by revisiting the properties of solids, liquids and gases; learn to describe the properties of materials using scientific language; investigate which materials make the best thermal insulators; and which materials are magnetic. Children will be introduced to key scientific vocabulary to describe the properties of materials (e.g. soluble and insoluble) and investigate how to separate materials using these properties. They will be able to name separation methods (filtering, sieving, evaporation, magnets) and decide on the most efficient method for separating a mixture of materials.

### Maths

Fractions  
Multiplication and Division  
Decimals and Percentages  
Perimeter and Area  
Graphs and Tables

### Science – Forces and Magnets

Children will consolidate and extend their knowledge of forces by naming individual forces (e.g. gravity, friction, upthrust). They will extend their knowledge of frictional forces (air resistance and water resistance) and plan fair test investigations to discover which shoe has the greatest friction and which shapes offer the most water resistance. They will learn how forces can be helpful and unhelpful in various scenarios. They will learn what a mechanism is and how pulleys, levers and gears are used to allow a smaller force to have a greater effect.

### Key Times and Days:

KS2 doors open – 8:35am  
Registration – 8:50am  
End of school – 3:15pm  
New spellings – Monday/Tuesday  
Spelling test – The following Monday/Tuesday

PE (5ZA) – Tuesday and Thursday  
PE (5EL) – Monday and Thursday  
Reading journal/record – In every day  
Reading journal challenge – Completed by the Friday  
Reading 3x per week – Checked on a Friday

### Forest School Dates (Friday AM on a three-week rota)

**5ZA:** 23<sup>rd</sup> January, 13<sup>th</sup> February, 13<sup>th</sup> March, 3<sup>rd</sup> April,  
**5EL:** 9<sup>th</sup> January, 30<sup>th</sup> January, 20<sup>th</sup> February, 20<sup>th</sup> March,

### Comprehension Crushers:

How are Volcanoes Formed?  
How are Rivers Formed?  
The Car Trip  
Chocolate Cake  
The Legend of Ragnar Lathbrok  
The Blood in the Snow  
Romeo and Juliet



### English Book study



**Genre:** fantasy fiction, historical fiction, graphic novel  
**Themes:** courage, hope and friendship



**Genre:** picture book, biography, autobiography  
**Themes:** gender equality, justice and courage



**Genre:** narrative, non-fiction picture book  
**Themes:** courage, resilience, hope and peace.

### RE:

Why is the Torah so important for Jewish people?

In this unit, children deepen their understanding of Jewish life and beliefs, exploring the diversity of British Jews through Census data and cultural heritage. They examine the importance of the Torah, including the Sefer Torah's construction, role in the synagogue, and varied interpretations, and how these influence dietary practices. Children also consider how Jewish traditions are adapting in response to contemporary issues such as gender and climate.

### Computing

#### Data Handling: Mars Rover 1

Identifying how the Mars Rover collects different types of data and transmits this back to Earth using binary code.

#### Programming 2: Micro: bit

Children will explore how to program the BBC micro: bit, creating interactive projects with sensors, variables and conditional statements.

### ONLINE SAFETY

### PSHRE

#### Citizenship

Children will understand what happens when someone breaks the law and recognise what rights are including the right to freedom of expression. Learn how reducing the use of materials and energy helps protect the environment. Understand how people contribute to society and how this is recognised, the role of pressure groups, and the basic workings of Parliament.

#### Safety and the changing body

Children will learn what is appropriate to share and potential dangers when online. They will be able to accurately name body parts and understand the range of physical and emotional changes that occur during puberty. Children will also learn how to assess a casualty's condition, manage bleeding and know when to seek medical attention.

### French

Greetings  
Colours and Numbers  
Transport

### Music

#### Theme and variation: The festival of colour

Children will create a graphic score and describe how this matches the general structure of a piece of music. They will also create a vocal composition in response to a picture and justify their choices using musical terms.

#### Looping and mixing

Children will perform a looped body percussion rhythm; keeping in time with their group. As well as using loops to create a whole piece of music, ensuring that the different aspects of music work together.

### PE

Dance  
Gymnastics



### Passport for life

I can programme a Micro:Bit.

I performed a Brazilian carnival dance.



### Parent and Carers Learning Together Session – Spring 2

Parents and Carers are invited to explore Year 5s Brazilian topic.

### Important School Dates for the Spring Term:

Return to school after the Christmas break:  
Monday 6<sup>th</sup> January

5ZA Class Assembly: Thursday 22<sup>nd</sup> January

5EL Class Assembly: Thursday 19<sup>th</sup> February

Last day of Spring 1: Friday 21<sup>st</sup> February

Return to school: Monday 3<sup>rd</sup> March

Parent Learning Reviews: 25<sup>th</sup> and 26<sup>th</sup> March

Last day of Spring 2: Friday 11<sup>th</sup> April