

Maths: White Rose Premium Scheme

Year 4:

Decimals - Pounds and pence; compare and order decimals, ordering money; round decimals; estimate money; four operation.

Measurement - Time - Hours, minutes, seconds, years , month, weeks and days ; analogue to digital 12/24 hour

Statistics Lines graphs, reading and interpreting line graph

Property of shape - identify, compare, order angles; triangles; quadrilaterals; lines of symmetry, symmetric figures

Geometry - Position and direction - Describe position; draw on a grid; move on a grid; describe movement;

Year 5

Money - order and compare decimals; rounding decimals; adding same decimal places; subtract - same decimal places; adding/subtracting different DP; wholes and decimals; decimal sequences.

Measurement time Converting units of time - timetables

Statistics Read and interpret line graphs, draw line graphs , problems with line graphs; read and interpret tables; two way tables

Property of Shape - measure angles in degrees, measuring with a protractor; drawing accurately; angles on a straight line; angles around a point; lengths and angles in shapes; regular and irregular polygons; reasoning about 3D shapes

Geometry - Position and direction - position n the 1st quadrant; translation; translation with coordinates; reflection; reflection with coordinates

Converting units and volume - Kilograms and kilometres; milligrams and millimetres; metric units; imperial units; What's volume; Compare volume; estimate volume and capacity

Design Technology: Electrical systems: Carnival Doodlers

This Doodlers unit explores series circuits further and introduces motors.

To understand how motors are used in electrical products.

To investigate an existing product to determine the factors that affect the product's form and function.

To apply the findings from research to develop a unique product.

To develop a DIY kit for another individual to assemble their product.

Geography: South America

To find out about the location and countries of South America

To find out about the climate of South America; To find out about major mountain ranges of South America; To find out about the human geography of South America.

To find out about trade and industry in South America

To be able to carry out an in depth study of a South American country (Brazil)

To compare an area of South America with the Isle of Wight

A study of Brazil

To know the location of Brazil

To understand the importance of the Amazon rainforest

To explore Rio de Janeiro as a tourist destination

To explore the culture of Brazil

History: Mayans vs Aztecs

Mayans: Sequence the key periods of the Ancient Maya civilisation. Identify periods that were happening in Britain at the same time. Explain how the Ancient Maya settled in the rainforest and the challenges they faced. Describe Ancient Maya beliefs. Name the features of the Ancient Maya cities. Make deductions about the Ancient Maya cities. Evaluate the reasons for the decline of the Maya civilisation. Understand the importance of archaeologists, archivists and historians in constructing our understanding of the past.

Aztecs: Find out about who the Aztecs were and where they lived, including placing them on a timeline of human history. Explore the roles of emperors, nobles, warriors, priests, farmers and other people in Aztec society. Investigate how the huge city of Tenochtitlan was built on a swampy island in Lake Texacoco. Find out about what the Aztecs believed in and how their region and sacrifices impacted their lives. Research what daily life was like for the Aztecs in terms of homes, clothes, school, markets and foods etc. Investigate how and why the Aztec empire ended by finding out about Cortés and the conquistadors invading Mesoamerica.

English:

The boy who Biked the World - Part Two by Alastair Humphreys

The Explorer by Catherine Rundall

Guided Reading:

The Boy Who Biked the World by Alistair Humphreys

Journey to the River Sea - Eva Ibbotson

Reference books liked to:

Brazil, Festival and celebrations, Carnivals, Masks, Guineapigs



Year 4/5 - Summer Term Carnival Continents



Hook: Scootering around the playground - linked to the book: The Boy Who Biked the World

Homework Task: Create a festival head dress

Celebration: Carnival display

French

French numbers, calendars and birthdays

Children learn French numbers 1-31, the days of the week, months of the year, dates and seasons through maths and songs and class surveys; they research of dates of French festivals and revise the unit by having a traditional French birthday celebration in the classroom.

French weather and the water cycle

Learning phrases to describe the weather and vocabulary for the compass points; counting from 1-100 in multiples of ten; combining this knowledge to make statements about what the temperature is in different parts of France and to deliver a weather forecast. The unit culminates in a French science lesson, where the children explore the water cycle and recognise scientific cognates.

PSHE:

Being my Best:

It all adds up! Different skills; My school community; Independence and responsibility; Star qualities? Basic first aid, including Sepsis Awareness.

Changing and Growing:

How are they feeling? Taking notice of our feelings; Dear Ash; Growing up and changing bodies; Changing bodies and feelings; Help! I'm a teenager - get me out of here! Dear Hetty .

Science:

Living Things and Their Habitats

Understanding the life processes of a plant

Understanding the life cycle of mammals

Compare the life cycles of insects and amphibians and understand the life cycle of birds and reptiles. Know about the life and work of Jane Goodall and David Attenborough.

Research and present the life cycle of a creature

Animals including humans

Identify the key stages of a mammal's life cycle

Explore the gestation periods of mammals

Learn about foetal development

Investigate the hand span of differently aged children

Learn about the changes experienced in puberty

Describe the changes humans may experience during old age

Computing: Purple Mash - Computing Scheme of Work

Logo

Use a simple computer programming language to control a 'turtle'. Learn about the many commands which can be used in order to explore shapes, programming and algorithms.

Navigate the river to return the Aztec statue to its rightful resting place using "fd", "rt" and "lt" commands.

Concept Mapping

To understand the need for visual representation when generating and discussing complex ideas. • To understand the uses of a 'concept map'.

To understand and use the correct vocabulary when creating a concept map. • To create a concept map. To understand how a concept map can be used to retell stories and information. To create a collaborative concept map and present this to an audience.

Art and Design: Inca masks

To investigate Peruvian patterns, shapes and colours

To learn about what sculpture is.

To learn about the materials used to create a sculpture.

To learn how to sculpt with modroc

Exploring and Developing Ideas; Compare ideas and methods in the work of artists 3D Form; Shape, form, model and join with confidence; Take into account the properties of the materials being used; Papier mâché over more complex moulds

Evaluate work and compare ideas, methods and approaches in their own and others' work and say what they think and feel about them

Music:

Unit 1 - Body and tuned percussion (Theme: Rainforests) : A topic of discovery; children will explore the rainforest through music and be introduced to new musical terms. They will also use a mixture of body percussion and tuned percussion instruments as the children create their own rhythms of the rainforest, layer by layer.

Unit 2 - Samba and carnival sounds and instruments (Theme: South America) Getting a feel for the music and culture of South America, children are introduced to samba and the sights and sounds of the carnival.

Religious Education: TBC

Summer 1: Sacred place (S/C) (special) - Places of worship

Summer 2: Umma (M) (**community**) - Hajj and Zakat