

Whaley Thorns Primary School

Year 4/5 Spring Planning 2023-2024



Our Reading Curriculum



Theme:
Integrity

Concept:
Faith

Topic:
Ancient Greece

English

Writing objectives:

- To write for a range of purposes and audiences, using the main features of genres to generate ideas and sustaining the appropriate tense.
 - To develop the range of coordinating and subordinating conjunctions along with relative pronouns and clauses.
 - To use inverted commas and other punctuation to indicate direct speech, a comma after a fronted adverbial and possessive apostrophes for regular singular and plural nouns.
 - To use punctuation correctly such as brackets, commas or dashes for parenthesis and commas to clarify meaning or avoid ambiguity.
 - To understand and use noun phrases that are expanded with modifying adjectives, nouns and prepositional phrases.
 - To use a range of informal and formal language in speech and writing and link ideas across paragraphs cohesively and accurately using adverbials of time.
 - To plan and edit writing, learning from the effectiveness of own and others' writing.
 - To produce a final draft of a piece of writing neatly, legibly and fluently and space lines of writing sufficiently so that the ascenders and descenders of letters do not touch and the downward strokes of letters are parallel and equidistant.
 - To use a variety of creative techniques to engage the reader.
 - To spell most words correctly from the year 4/5 spelling list.
- Writing outcomes:** Character profile, narrative, brochure, historical recount

Reading objectives:

- To apply knowledge of root words, prefixes and suffixes/word endings to read aloud fluently.
- To read most words fluently and attempt to decode any unfamiliar words with increasing speed and skill, recognising their meaning through contextual cues.
- To read all exception words, discussing the unusual correspondences between spelling and these occur in the word.
- To identify how language, structure and presentation contribute to meaning and summarise main ideas from the text.
- To participate in discussions about books that are read to/by pupils; building on their own and others' ideas as well as courteously challenging views.
- To define vocabulary and predict meanings from the surrounding words in the text.
- To make inferences from a text and skim read text to retrieve information.
- To predict what will happen in a story and explain predications giving relative reasons.

Mathematics Year 4

Multiplication and Division

Recall multiplication and division facts for multiplication tables up to 12 x 12
Use places value, known and derived facts to multiply and divide mentally, including multi-playing together three numbers
Recognise and use factor pairs and commutativity in mental calculations
Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects

Length and Perimeter

Convert between different units of measure (for example, kilometre to metre, hour to minute)
Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

Fractions

Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
Recognise and show, using diagrams, families of common equivalent fractions.
Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.
Add and subtract fractions with the same denominator
Decimals
Recognise and write decimal equivalents of any number of tenths or hundredths
Find the effect of dividing a on or two digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.

Mathematics Year 5

Multiplication and Division

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
Multiply and divide numbers mentally drawing upon known facts
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Fractions

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$]
multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Decimals and percentages

Read and write decimal numbers as fractions
recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
round decimals with two decimal places to the nearest whole number and to one decimal place
Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal
solve problems which require knowing percentage and decimal equivalents of $1/2$, $1/4$, $1/5$, $2/5$, $4/5$ and those fractions with a denominator of a multiple of 10 or 25

Measure – perimeter and area

Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes.

Graphs and tables

Solve comparison, sum and difference problems using information presented in a line graph
Complete, read and interpret information in tables, including timetables

Humanities

History: What did the Ancient Greeks bring to the world?

- What evidence is there that the Ancient Greeks were more advanced than Ancient Britons?
- What did the Ancient Greeks introduce that we benefit from today?
- How were the Ancient Greeks influenced by their Gods?
- What was everyday life like for the Ancient Greeks?
- What were the main characteristics of the Spartans and the Athenians?
- Geography: How would my life be different if I lived in Greece?**
- Can I locate Greece on a map and label its features?
- Can I explore the Greek climate?
- Can I explore what foods Greeks love to eat?
- Can I explain why Greece is a popular tourist destination?
- Can I compare Greece as a holiday destination to the UK?

Science

How do electric circuits work?

- Explore electrical appliances and electrical safety
- Learn about electrical components in a series circuit
- Investigate electrical circuits
- Explore conductors and insulators
- Learn about electrical switches
- Investigate how electrical components can change within a circuit

How are sounds made?

- Identify how sounds are made
- Explore how vibrations from sounds travel through to the ear
- Explore sound insulation
- Explore volume and pitch
- Explore sounds from near and from far

Expressive Arts & Design

Design and Technology

Textiles - (Fastenings)

- Comparing and assessing the use of a book sleeve
- Writing a design criteria
- Explain decisions of your design
- Making a book sleeve with relevant material using design criteria
- Evaluating own design

Art

- Artist Link - Chila Kumari Singh Burman
- Sketch familiar objects with increasing accuracy, including self-portraits
- Use tools effectively to develop a wide range of techniques, including shading techniques.
- Competently use primary colours to create secondary and tertiary colours and vary shades and tones.
- Improve mastery in observational drawing, including shading.

Music

Composing Chords and Enjoying Musical Styles

- I can copy increasingly challenging rhythms using body percussion and untuned instruments.
- I can copy back and improvise a rhythm using varied note lengths and their equivalent rests
- I can understand some formal, written notation which includes crotchets, minims and paired quavers and their equivalent rests on a staff

French

Tourism and Leisure Activities

- To be able to label places in town and direct someone to different places in town.
- To be able to talk about what leisure activities you like to do in your town.

RE

What does it mean to be a Christian in Britain today?

- How do Christians show their belief at home and at church?
- How and why do different Christians use music in worship?
- How and why do different Christians celebrate holy communion?
- How do Christians make a difference in their local community?
- What does it mean to be a Hindu in Britain today?**
- How do Hindus show their faith and what do they find important?
- Why is Mahatma Gandhi a Hindu Hero?
- What is it like to be a Hindu in Britain today?

Computing

Creating Media -Photo editing

- To explain that the composition and colours of digital images can be changed
- To explain how cloning can be used in a photo
- To combine images for a purpose and complete publication
- To evaluate how changes can improve an image
- What is a bot?**
- To sequence accurate instructions
- To select accurate Program to repeat instructions
- To debug, develop and test sequences
- To share findings and evaluate programming.

PSHE & RSE

Being responsible

- Research, discuss and debate topical issues
- Identify why rules are needed in different situations
- Explore rights and responsibilities
- Understand that there are human rights to protect everyone
- Explore what being part of a community means and how they belong.
- Money matters**
- Identify the role of voluntary and charity groups
- Understand different values and customs
- Explore the importance of money in people's lives and how money is obtained
- Understand the concepts of interest, loan, debt and tax
- Understand enterprise and begin to develop enterprise skills

PE

Movement to Music and Health & Fitness

- Identify the way they feel after exercise and set own targets for improvement.
- Promote a healthy lifestyle to those around use. Talk about the consequences of an unhealthy lifestyle.
- Identify opportunities for healthy living in their lives.
- Netball**
- I can catch and use the chest, bounce and overhead passes
- I can dodge into space and pivot
- I can mark an opponent effectively
- I can shoot accurately
- Yoga**
- I can demonstrate increased control when in poses and explore movement, including arm movement in relationship my breath.
- I can stay still and keep focused

Enrichment- Kindness Curriculum, Places of Worship theme week, NSPCC number day, Mental Health awareness week, World Book Day, Poetry afternoon, Easter Eggstravaganza