

# Whaley Thorns Primary School

## Year 6 Autumn Planning 2024-2025



### English

#### Reading Objectives

Identify and discuss themes and conventions in and across a wide range of writing.  
 Check that the book makes sense to them, discussing their understanding and exploring the meaning of words in context.  
 Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.  
 Predict what might happen from details stated and implied.  
 Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.  
 Identify how language, structure and presentation contribute to meaning.  
 Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.  
 Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously. Provide reasoned justifications for their views.

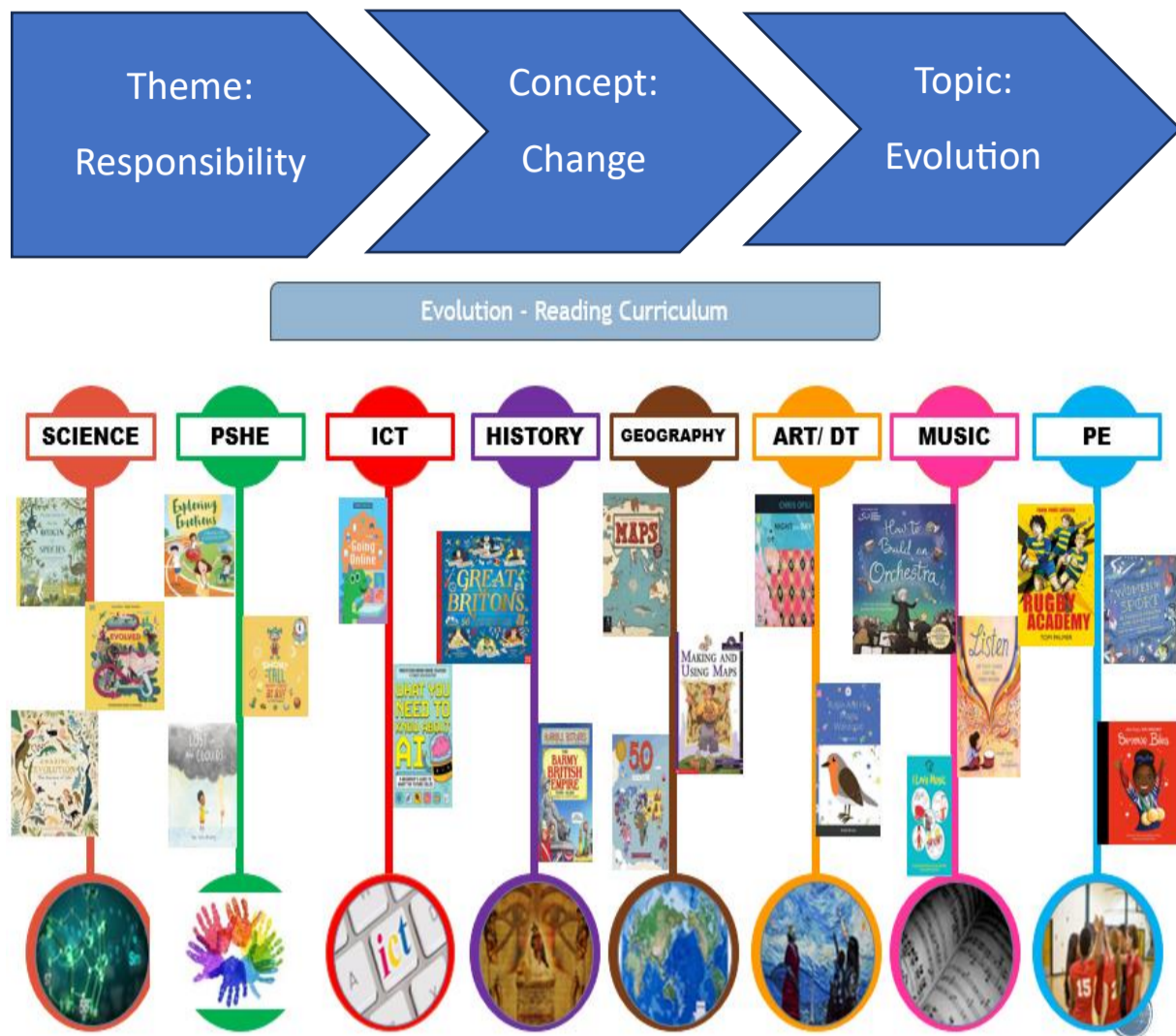
#### Writing Objectives

Know that different text types need different sentence structures and techniques.  
 Know that different text types need different word and language choices.  
 Know that different text types need different levels of formality.  
 Know the purpose of the writing and the effect on the reader.  
 Know that paragraphs help to organise texts and guide the reader.  
 Understand that a wide range of devices are used to link ideas in paragraphs.  
 Identify the devices used to link paragraphs in reading.  
 Recognise that these will be different according to the text type, purpose and audience.  
 Find and categorise different cohesive devices from narrative reading: repetition of words, phrases or sentences, pronouns, adverbials.  
 Explain how they link ideas in and across paragraphs.  
 Choose the correct level of formality for the audience and purpose of the writing.  
 Understand that sentences can be active or passive and when it is appropriate to use each voice now that paragraphs help to organise texts and guide the reader.  
 Understand that a wide range of devices are used to link ideas in paragraphs. Identify the devices used to link paragraphs in reading.  
 Recognise that these will be different according to the text type, purpose and audience.  
 Find and categorise different cohesive devices from narrative reading: repetition of words, phrases or sentences, pronouns, adverbials.  
 Explain how they link ideas in and across paragraphs.  
 Choose the correct level of formality for the audience and purpose of the writing.  
 Understand that sentences can be active or passive and when it is appropriate to use each voice.

**Writing Outcomes:** Diary Entry, Documentary Report, Poetry, Balanced argument, Monologue

#### Spoken Language Objectives

Give an opinion with a reason.  
 Listen to others' opinions.  
 Use Standard English to give an opinion.  
 Recite/perform own compositions.



### Mathematics

#### Place Value within 10,000,000

Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit  
 Round any whole number to a required degree of accuracy  
 Use negative numbers in context, and calculate intervals across zero  
 Solve number and practical problems that involve all of the above

#### Four Operations

Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.  
 Identify common factors, common multiples and prime numbers.  
 Use their knowledge of the order of operations to carry out calculations involving the four operations.  
 recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³).  
 multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.  
 divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.  
 identify common factors, common multiples and prime numbers  
 perform mental calculations, including with mixed operations and large numbers.

#### Fractions

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination  
 Compare and order fractions, including fractions > 1  
 Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions  
 Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.  
 Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, 1/4 × 1/2 = 1/8]  
 Divide proper fractions by whole numbers [for example, 1/3 ÷ 2 = 1/6].  
 Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.  
 Use written division methods in cases where the answer has up to two decimal places.

#### Measure-Imperial and Metric Units

Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places.  
 Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places where appropriate  
 Convert between miles and kilometres

### Science

#### Evolution and Inheritance

Understand how offspring vary and are not identical to their parents.  
 Learn about animal adaptations.  
 Learn about plant adaptations.  
 Explore what we can learn from fossils.  
 Explore the theory of evolution by natural selection.  
 Explore human evolution.

#### Animals Including Humans

Describe the function of blood.  
 Understand how the heart and lungs work together.  
 Understand what effects heart rate.  
 Explore the consequences of an unhealthy lifestyle.  
 Identify ways to eat a balanced diet.  
 Understand the importance of a healthy lifestyle.

### Humanities

#### History – British Empire

To explore why Britain created a British Empire.  
 To explore the voyages of discovery in making Britain great.  
 To explore why the creation of the British Empire was not always covered in glory.  
 To explore the importance of India's relationship with the British Empire.  
 To explore why we no longer have a British Empire.

#### Geography-Mapping

Know what digimaps are and use them to know more about our area.  
 Use Google Earth to help us know more about the Earth's continents.  
 Know what an Ordinance Survey map is and what the symbols stand for.  
 Know how to use a six-figure grid reference system  
 Know how to conduct a survey and present my findings appropriately.

### Expressive Arts & Design

#### DT- Textiles- Christmas Waistcoats

Designing a waistcoat in accordance to a specification linked to set of design criteria.

Annotating designs, to explain their decisions.

#### Art- Artist Link – Chris Ofili

Use sketchbooks to research and present information.

Develop ideas into a plan for a final piece.

Make a personal response to the artwork of another artist.

### Music

#### Music & Technology Developing ensemble skills.

Sing and play musically with increasing confidence and control.  
 Develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory.

### French

#### Time

To be able to tell the time independently in French.

### RE

#### What is it like to be a Muslim in Britain today?

To explore what helps Muslims through the journey of life.  
 To explore the significance of prayer to Muslims.  
 To explore the importance of charity to Muslims.  
 To understand why Muslims fast.  
 To explore pilgrimages.  
 To explore special places for Muslims.  
**What difference does it make to believe in Ahimsa Grace and Ummah community?**  
 To explore Hindu, Muslim and Christian key beliefs.  
 To explore how Muslim people build their community.  
 To explore how it feels to be part of the Muslim Ummah.  
 To explore the meaning of harmlessness in the Hindu religion.  
 To explore Jesus' teachings on grace and forgiveness.

### Computing

#### Communication and collaboration.

To explain the importance of internet addresses.  
 To recognise how data is transferred across the internet.  
 To explain how sharing information online can help people to work together.  
 To evaluate different ways of working together online.  
 To recognise how we communicate using technology.  
 To evaluate different methods of online communication.

#### Introduction to spreadsheets

To create a data set in a spreadsheet.  
 To build a data set in a spreadsheet.  
 To explain that formulas can be used to produce calculated data  
 To apply formulas to data  
 To create a spreadsheet to plan an event.

### PSHE & RSE

#### Exploring Emotions

Recognise a wide range of feelings in others and how to respond appropriately.  
 Recognise that their actions can affect themselves and others.  
 Develop strategies to resolve disputes.  
 Deepen understanding of good and not so good feelings.  
 Extending emotional vocabulary and intensity.  
 Recognise conflicting emotions and how to manage these.

#### Bullying Matters

Understand that their actions affect themselves and others.  
 Develop strategies for getting support for themselves or others.  
 Identify that differences and similarities arise from several factors.  
 Understand the consequences of discrimination, teasing, bullying and aggressive behaviour.  
 Know how to recognise bullying and abuse in all its forms.

### PE

#### Tennis

How agility, balance and coordination are used in tennis.  
 Why agility, balance and coordination are important in tennis.  
 How to perform the forehand.  
 How to perform the backhand.  
 How to perform a volley.  
 How to perform the serve.  
 Know basic rules of Mini Tennis.

#### Tag Rugby

How to grip the ball  
 How to catch the ball  
 How to pass the ball  
 How to pass when moving  
 How width can be used to outwit opponents  
 How to tag opponents  
 How to use the switch and dummy  
 Know basic rules of Tag Rugby.

Enrichment- Kindness Curriculum, Black Arts History Week, Anti Bullying Week, Diwali, Harvest, Remembrance Day, Christmas performance.