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# **ENGLISH**

#### COMPREHENSION

Consolidate positive attitudes to reading and understanding of what they read by:

- Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books
- Identifying themes and conventions in a wide range of books
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying inferences with evidence
- Checks that the book makes sense to the reader, discussing the individual's understanding and exploring the meaning of words
- Identifying main ideas drawn from more than one paragraph and summarising these and identifying key details that support the main ideas
- Participate in discussions about books that are read to them (Kensuke's Kingdom, Letters from the Lighthouse and Wonder) and those they can read for themselves, building on their own and others' ideas and making comparisons within and across books
- Provide reasoned justifications for their views about a book.

#### COMPOSITION

Write whole texts that are interesting, engaging and thoughtful, leading the reader through the telling of a narrative.

Produce texts appropriate to reader and purpose, choosing style features to maintain and challenge the reader's interest. Organise and present whole texts effectively that sequence and structure information, using a range of layout devices.

Construct a cohesive piece of writing with logical links / breaks, linking ideas across paragraphs using a wider range of cohesive devices e.g. repetition of a word or phrase, using ellipsis (...) as a cliff-hanger at the end of a section.

Vary sentences for clarity, purpose and effect:

- Writing informally or formally appropriate to genre
- Using the subjunctive form to emphasise formality, urgency or importance (e.g. If I were you).
- Use passive voice
- Build a range of subordinating clauses.
- Use a range of writing techniques: Deploy poetic style to engage the reader, using personification and symbolismUse varied and precise vocabulary to create particular stylistic effects. Use adverbs and adverbial phrases to qualify, intensify or emphasise.

#### PUNCTUATION

- Use semi-colons, colons and dashes to mark the boundary between independent clauses
- Punctuate lists appropriately and use bullet points for lists
- Use hyphens to avoid ambiguity
- Correst use of speech.

We want everyone in our community to find their strengths and talents

# MATHS

## NUMBER, PLACE VALUE & THE FOUR OPERATIONS

 $(+ - x \div)$ 

- Round any whole number to a required degree of accuracy
- Use negative numbers in context, and calculate intervals across zero
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number
- Divide numbers up to 4 digits by a two-digit whole number and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
- Solve addition and subtraction multi-step problems (with answer up to two decimal places), deciding which operations and methods to use and why
- Use estimation to check answers to calculations in different contexts and determine, in the context of a problem, an appropriate degree of accuracy.

#### **FRACTIONS**

- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
- Multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$ )
- Use written division methods in cases where the answer has up to two decimal places
- Solve problems which require answers to be rounded to specified degrees of accuracy
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- Solve problems involving the calculation of percentages (e.g. of measures, and such as 15% of 360) and the use of percentages for comparison
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

#### **GEOMETRY & MEASUREMENT**

- 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
- Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons
- Describe positions on the full coordinate grid (all four quadrants).

#### **DATA HANDLING**

- Interpret pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as an average.







#### SCIENCE

- Living things and their habitats: Classification
- Evolution and Inheritance
- Animals including humans : Human Circulatory System
- Light
- Electricity and circuits.

### COMPUTING

- eSafety
- Coding, debugging and improving programs to produce desired outcomes
- Computer-aided design.

#### GEOGRAPHY

- North America
- · Biomes and climate zones
- Map work : OS Maps, understanding contours
- Europe during WWI and WWII

#### HISTORY

- Significant historical figures,
- Changes within living memory through the study of conflict, especially World Wars I and II
- The British Empire and its colonial past.

#### PE & SWIMMING

- Competitive team and individual games
- · Activities to improve strength, control and balance, including gymnastics
- Outdoor and adventurous activity challenges both individually and within a team
- Swim competently, confidently and proficiently over a distance of at least 25 metres
- Use a range of swimming strokes effectively
- Perform safe self-rescue in different water-based situations.

#### DESIGN & TECHNOLOGY

- Select and use appropriate tools and materials for specific projects
- · Design, create and evaluate a model Anderson shelter
- Follow recipes to prepare sweet and savoury items

### PSHE

- Healthy relationships
- Weighing up risk
- Human rights
- Healthy minds
- Keeping safe out and about
- Puberty, relationships and reproduction
- Respect and equality
- Tranisition to Secondary School

#### ART & DESIGN

- Use a range of different materials and mediums including watercolour, sketching, oil pastels and natural materials
- Study and create artwork in the style of different artists.





