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# **ENGLISH**

#### **COMPREHENSION**

Maintain positive attitudes to reading and understanding 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
- Checking that the text makes sense to them, discussing their understanding and explaining the meaning of words in context
- Predicting what might happen from details stated and implied
- Retrieve, record and present information from non-fiction
- Provide reasoned justifications for their views.

#### **COMPOSITION & VOCABULARY**

Write whole texts (fiction and non-fiction) that are interesting, engaging or thoughtful, with ideas that are developed.

Planning writing to suit the audience and purpose.

Improving writing by proof-reading and editing.

Organise and present whole texts effectively that sequence and structure information: starting a new paragraph to show changes in time, place, event or person. Deploy tense choices that support cohesion by making links e.g. he had seen her before.

Vary sentences for clarity, purpose or effect:

- Mixing short and long sentences to change, accelerate or show pace for the reader
- Create different emphasis in sentences through word order and noun phrases e.g. the glistening snow laid on the field
- Use relative clauses within complex sentences beginning with who, which, where, when and whose e.g. Masie, who was extremely tired, finished the race.

Use a range of writing techniques:

- Create more complicated narratives e.g. flashback or stories with a surprise ending
- Develop setting, character and atmosphere in narratives
- Use a range of adverbs to link ideas: adverbs of time e.g. later, and adverbs of place e.g. nearby.
   PUNCTUATION
- · Using brackets, dashes or commas for extra information
- Use and spell correctly many words from the Year 5/6 spelling list
- · Use correctly punctuated dialogue to convey character
- Use commas to clarify meaning or avoid ambiguity e.g. 'let's eat dad' or 'let's eat, dad.'

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

## **MATHS**

#### NUMBER, PLACE VALUE & THE FOUR OPERATIONS

 $(+ - x \div)$ 

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
- Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals
- Add and subtract whole numbers with more than 4 digits
- Solve addition and subtraction multi-step problems
- Multiply numbers up to 4 digits by a one or two-digit numbers using a formal written method
- Divide numbers up to 4 digits by a one-digit number
- Multiply and divide whole numbers by 10, 100 & 1,000
- Recognise and use square numbers and cubed numbers.
- Solve problems involving multiplication and division.

#### **FRACTIONS**

- Compare and order fractions whose denominators are all multiples of the same number
- Identify, name and write equivalent fractions
- Recognise mixed numbers and improper fractions and convert from one form to the other
- Add and subtract fractions with the same denominator
- Multiply proper fractions and mixed numbers by whole numbers
- Read and write fractions as decimal numbers as fractions (for example, 0.71 = 71/100)
- Read, write, order and compare numbers with up to three decimal places
- 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.

#### **GEOMETRY & MEASUREMENT**

- Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- Measure and calculate the perimeter of shapes in metres and centimetres
- Calculate and compare the area of rectangles and squares.
- Estimate capacity and volume
- Solve problems involving converting units of time
- Use all four operations to solve problems involving measure (for example, length, mass, volume and money) using decimal notation
- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles and measure them in degrees
- Identify and describe the position of a shape following a reflection or translation.

#### **DATA HANDLING**

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







#### SCIENCE

- Life cycles
- Animals, including humans
- Plants
- Materials
- Forces
- Investigating sound
- Earth and space.

#### COMPUTING

- eSafety
- Basic coding
- Information technology beyond school.

#### GEOGRAPHY

- Biomes
- South America
- Geographical skills and field work.

## HISTORY

- Maya
- Ancient Greece
- Victorians.

#### PE & SWIMMING

- Basic movement e.g. throwing and catching
- Balance & Co-ordination
- Swim unaided on both front and back
- Water safety.

## **DESIGN & TECHNOLOGY**

- Design, Create & Evaluate a product
- Use of tools and materials
- Cooking and nutrition.

#### **PSHE**

- In the media, sterotypes, discrimination and prejudice
- Making safer choices
- Dealing with feelings
- Different influences
- Borrowing and earning money
- Puberty.

### **ART & DESIGN**

- Working with different materials and mediums
- Colour, pattern, texture and line techniques
- Drawing and painting
- Study a variety of artists.





