English

Reading

- Read a wide range of texts including modern Use dictionaries to check spellings, use a fiction, fiction from our literary heritage and books from other cultures and traditions.
- Identifying and discussing themes in a wide range of book, making comparisons both within and across books
- Prepare poems and plays to read aloud showing understanding through tone, intonation and volume to make the meaning clear.
- Summarising the evidence from more than one paragraph when reasoning and inferring, or gathering information.
- Participate in discussions about books, building on own and others ideas and challenging views courteously.

- Multiply multi digit numbers up to 4 digits by 2

digit whole number using long multiplication.

Divide numbers up to 4 digits by 2 digits using

· Identify common factors, multiples and prime

Solve increasingly complex problems using all 4

- Use common factors to simplify fractions and

common multiples to express fractions in the

operations choosing the correct one. Use

knowledge of order of operations.

Number/Calculation

- Read, write, order and comp

the formal written method.

numbers.

Fractions

same denomination.

Working Scientifically

Science

- Controlling variables in investiga

Presenting results using scatter graphs.

conclusions, causal relationships and

explanations of and degree of trust in

Describe how living things are classified

that living things have changed over time

identify how animals and plants are

into broad groups according to common

characteristics. Give reasons for these

Living things and their habitats

Evolution and Inheritance

groupings.

and that fossils.

variance in offspring

least 10 000 000 and determine

Writing

- Choose which shape of a letter to use when given choices and deciding whether to join
- Plan by noting and developing initial ideas, drawing on reading and research where nec-
- Integrate dialogue to advance the action when writing.
- Precis longer passages.
- Use a wide range of devices to build cohesion within and across paragraphs.

are appropriate for formal speech and

- Use a wide range of punctuation for effect including commas, hyphens, brackets, dashe colons and semi colons, correctly and fo
- Speaking and listening
- Speak audibly and fluently with an increasing command of Standard English.
- Use spoken language to develop understanding by speculating, hypothesising, imagining and exploring ideas.
- Gain maintain and monitor, the interest of the listener.

Maths

- Add and subtract fractions with different denominators using the concept of equivalent frac-
 - Multiply pairs of fractions, writing answers in their simplest form. Divide fractions by whole
 - Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction
 - Know value of each digit up to 3 dp and x and ÷ by 10, 100, and 1000. X decimals to 2 dp by whole numbers.

Ratio and Proportion

- Solve problems involving the calculation of %, the scale factor for shapes, and unequal sharing and grouping.

- Use simple formulae, generate and describe

linear number sequences. Express missing number problems algebraically

Measurement

- Convert between standard units and between miles and kilometres.
- Calculate the area of parallellograms and trian-

Geometry

- Illustrate and name parts of circles. Compare and classify geometric shapes based on their
- Use Co ordinates in all 4 quadrant

Statistics Construct and interpret pie charts and line graphs. Calculate mean as average.

History

ment in different ways and tha adaptation may lead to evolu-

adapted to suit their environ

- Animals, including humans Report and present findings including
 - Functions of parts of the Human circula-
 - Healthy lifestyles and effects on bodies
 - Light travelling in straight lines, How we see things, Explaining shadows.

Electricity

- Associate the brightness of the bulb in a circuit with the number of or voltage of cells in a circuit.
- Give reasons for findings in circuits and draw them using recognised symbols.

- a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066
- A non European society which contrasts with British History—One study chosen from; Early Islamic civilisation,
 - uding a study of Baghdad c.900AD; Mayan civilisation c.900AD; Benin, West Africa c 900-1300AD

Art and Design

- Create sketch books to record their observations and use them to revisit and review ideas.
- Improve their techniques in painting, drawing and sculpture with a range of materials e.g pencil, charcoal, paint
- About great artists, architects and designers in history.

Computing

- Use sequence, selection and repetition in programs, work with variables and various forms of input and out-
 - Use logical reasoning to explain how some algorithms work and to detect errors in algorithms and programs.
- Know how to stay safe online

Design and Technology

- Generate product ideas for specific markets through discussion, annotated sketches, exploded diagrams, prototypes and
- Investigate and analyse existing products.
- Understand how key events and individuals in DT have helped to change the world.
 - Prepare and cook a range of mostly savoury dishes using a range of cooking techniques.

Geography

- Use maps at different the topographical features they have changed over time.
 - of the UK and how

scales to compare

- Describe key aspects of Physical geography e.g Volcanoes and Earthquakes.
- Use fieldwork to measure and present results using a range of methods eg sketch maps

Languages

- places, things and ac-Describe people, tions orally and in writing
- Understand basic grammar, including masculine and feminine forms, key features of the language and use this to build sentences correctly.

Music

- Understand staff and
- other musical notation.
- Improvise and compose music for a range of purposes using the interrelated dimensions of music, both Individually and collaboratively.
 - Listen with attention to detail and recall sounds with increasing aural memory.
- Play and perform In solo and ensemble contexts, with increasing fluency, control and expression.

PE

- Use running, jumping, isolation and combination.
- nrowing and catching in
- Play competitive games and use basic principles suitable for attacking and defending across these.
- Develop flexibility, strength, technique, control, and balance (eq. in Athletics or Gymnastics) linking their movements.
- Perform dances using a range of movement patterns, linking their movements to create sequences.
- ment to achieve their personal best.

Following Locally agreed syllabus

- Compare performances over time and demonstrate improve-