English

Reading

- Apply knowledge of root words, prefixes and suffixes to read and understand new words.
- Read a wide range of texts including myths. Legends and traditional stories,.
- Make recommendations of books to their peers, giving reasons for their choices.
- Learn a wider range of poetry by heart to read aloud.
- Draw inferences such as inferring characters feelings, thoughts, motives from their actions and justifying inferences with evidence.
- Discuss how authors use language including figurative language. Considering the impact
- Distinguish between fact and opinion.

up to 1 000 000 to the nearest 10, 100, 1000, 10

- Read, write, order and compare numbers to at

least 1 000 000 and determine the value of each

digit. Recognise years written in Roman Numer-

- Add and subtract whole numbers with more

than 4 digits using formal written methods. Add

- Multiply and divide 4 digit by 1 or 2 digit num-

- Identify multiples and factors, prime numbers.

and subtract mentally with increasingly large

Number/Calculation

000 and 100 000.

where necessary.

Science

increasing accuracy.

- Reporting and presenting findings

in increasingly complex ways using

- Compare and describe differences

in life cycles of mammals, amphibi-

ans, insects and birds. (including

diagrams, labels, keys and tables.

Living things and their habitats

als.

- Count forwards or backward

powers of 10 for any given num

Writing

- Spell some words with 'silent' letters and continue to distinguish between homophones and other words which are easily confused.
- Use a joined hand with fluency and increasing speed, choosing the best writing imple-
- Plan for writing with a specific purpose and audience in mind and using features from modelled and example texts to guide them.
- Use a range of organisational and presentational devices to structure text and guide the reader e.g. Bullet points, underlining.
- Select grammar and vocabulary for effect and when editing work, improve this in their

- Recognise and begin to use formal language in speech and writing.
- Use expanded noun phrases, perfect for verbs, modal verbs or adverbs and relative clauses correctly in their writing

Speaking and listening

- Select and use appropriate registers for effective communication
- Consider and evaluate different view points, attending to and building on the contributions
 - maintain and moniinterest of the

Maths

- Recognise and convert between improper fractions and mixed numbers. including negative numbers. Round any number
 - a common multiple. Multiply proper fractions and mixed numbers by whole numbers.
 - Recognise and use thousandths and relate them to tenths, hundredths etc. Use this to order decimals to 3 dp. Round decimals with 2 decimal places to the nearest whole number.
 - Recognise % and know that it means number of

Measurement

- Understand and use equivalences between bers, using long multiplication and short division metric and common imperial units.
 - Estimate volume and area s of irregular shapes.

- Solve problems converting between units of

Geometry

- Add and subtract fractions with denominators of Identify 3D shapes from 2D representations.
 - Compare, and estimate acute, obtuse and reflex angles. Draw and measure a given angle.
 - Identify, describe and represent the position of a shape following a reflection or translation.

- Complete, read, and interpret information in tables including timetables

History

roperties/changes of materials

- **Working Scientifically** pare and group materials I on hardness, solubility, trans-- Planning different types of ncy, conductivity and response scientific enquiries to answer ques to magnets
- Give reasons based on findings for - Taking measurements, using a the uses of everyday materials. range of scientific equipment with
 - Reversible and irreversible change

- Gravity, water resistance, friction, air resistance and their effects Smaller forces and larger effects levers and pullevs.

Earth and Space

- Movement of Earth and other plan reproduction) Human changes due ets relative to the sun and each other. Cause of Day and night on

Ancient Greece—a study of Greek life and achievements and their influence on the Western world.

The Roman Empire and it's effect on Britain e.g Julius Caesar's attempted invasion in 55-54 BC, the Roman

> Empire by AD 42 and the power of it's army, successful invasion by Claudius and conquest, including Hadrians Wall, Romanisation of Britain.

A local history study (eg linked to Romans)

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 pattern pieces.
- 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 the 8 points of a figure grid references.

compass and 4 and 6

- Describe key aspects of Human geography e.g trade links, natural esources distribution.
- Describe key aspects of Physical geography e.g Climate zones,
- understand geographical similarities and differences through the tudy of human and physical geography of a region of the United Kingdom, a region in South America

Languages

- Present ideas orally to a range or audiences.
- Write phrases from memory and adapt these to create new sentences.
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud.

Read carefully and show understanding of words, phrases and simple writing.

Music

- Understand staff and
- other musical notation.
- Improvise and compose music for a range of purposes using the interrelated dimensions of music.
 - 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
- hrowing and catching in
- Play competitive games and use basic principles suitable for attacking and defending across these.
- Develop flexibility, strength, technique, control, and balance (eg in Athletics or Gymnastics) linking their movements.
- Perform dances using a range of movement patterns, linking their movements to create sequences.
- Compare performances over time and demonstrate improvement to achieve their personal best.

Following Locally agreed syllabus