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 on the reader

- Distinguish between fact and opinion.

Number/Calculation

 Count forwards or backward powers of 10 for any given num 000 including negative numbers. Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.

Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. Recognise years written in Roman Numerals.

- Add and subtract whole numbers with more than 4 digits using formal written methods. Add and subtract mentally with increasingly large numbers.

Multiply and divide 4 digit by 1 or 2 digit numbers, using long multiplication and short division where necessary.

Identify multiples and factors, prime numbers.

Science

Working Scientifically Planning different types of

scientific enquiries to answer questions.

- Taking measurements, using a range of scientific equipment with increasing accuracy.

- Reporting and presenting findings in increasingly complex ways using diagrams, labels, keys and tables.

Living things and their habitats

Compare and describe differences in life cycles of mammals, amphibians, insects and birds. (including reproduction) Human changes due to aging.

Grammar

- Spell some words with 'silent' letters and - Recognise and begin to use formal language continue to distinguish between homophones in speech and writing

- Gain

tor, the

listener

 Use expanded noun phrases, perfect for n of verbs, modal verbs or adverbs and relative clauses correctly in their writin

- Speaking and listening

Select and use appropriate registers for effective communication.

 Consider and evaluate different view points, attending to and building on the contributions of others

> maintain and moniinterest of the

- Solve problems converting between units of time. - Recognise and convert between improper frac-

Geometry

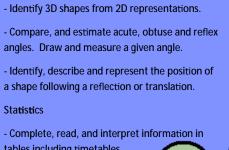
- Add and subtract fractions with denominators of - Identify 3D shapes from 2D representations.

- Compare, and estimate acute, obtuse and reflex

- Identify, describe and represent the position of a shape following a reflection or translation.

- Complete, read, and interpret information in

tables including timetables



Present ideas orally to a range of 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.

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 (eq 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.

- Use sequence, selection and repetition in programs, work with variables and various forms of input and output. - Use logical reasoning to explain how in algorithms and programs.

piomes.

Design and Technology

Generate product ideas for specific markets through discussion, annotated sketches, exploded diagrams, prototypes and pattern pieces.

Art and Design - Create sketch books to record their observations and use

- Improve their techniques in painting, drawing and sculp-

ture with a range of materials e.g pencil, charcoal, paint

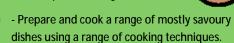
About great artists, architects and designers in history.

them to revisit and review ideas.

and clay.

Investigate and analyse existing products.

Understand how key events and individuals in DT have helped to change the world.



Languages



 Improvise and compose music for a range of purposes using the interrelated dimensions of music.



- Play and perform In solo and ensemble contexts, with increasing fluency, control and expression.

History

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)

and other words which are easily confused.

- Use a joined hand with fluency and increas-

ing 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 presenta-

tional devices to structure text and guide the

- Select grammar and vocabulary for effect

and when editing work, improve this in their

Maths

a common multiple. Multiply proper fractions

to tenths, hundredths etc. Use this to order

- Understand and use equivalences between

- Estimate volume and area s of irregular shapes.

metric and common imperial units.

Recognise and use thousandths and relate them

decimals to 3 dp. Round decimals with 2 decimal

- Recognise % and know that it means number of

and mixed numbers by whole numbers.

places to the nearest whole number.

reader e.g. Bullet points, underlining.

Writing

ment for a task

writing

Fractions

parts per 100.

Measurement

roperties/changes of materials

pare and group materials

Give reasons based on findings for

Reversible and irreversible change

- Gravity, water resistance, friction,

- Movement of Earth and other plan

ets relative to the sun and each

other. Cause of Day and night on

air resistance and their effects

levers and pulleys.

Earth and Space

Smaller forces and larger effects

the uses of everyday materials.

to magnets.

Forces

Earth.

l on hardness, solubility, trans-

ency, conductivity and response

tions and mixed numbers.

Computing

- some algorithms work and to detect errors

- Know how to stay safe online.

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 sources distribution.

Describe key aspects of Physical geography e.g Climate zones,

understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in South America

Music

- Understand staff and

other musical notation.

- Listen with attention to detail and recall sounds with increasing aural memory.

RE



Following Locally agreed syllabus

Curriculum 2014 Year СЛ