

Reading

apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology)

Comprehension

• discuss and evaluate how authors use language, including figurative language, considering the impact on the reader

• distinguish between statements of fact and opinion

identifying and discussing themes and conventions

preparing poems and plays to read aloud

• drawing inferences/predictions

• summarising the main ideas

- Number/Calculation
- Secure place value to 1,000,000
- Use negative whole numbers in context
- Use Roman numerals to 1000 (M)
- Use standard written methods for all four operations
- Confidently add & subtract
- Mentally
- Use vocabulary of prime, factor &

- Multiple
- Multiply & divide by powers of ten
- Use square and cube numbers

Science

• Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
Describe the life process of reproduction in some plants and animals

• Classify materials according to a variety of properties

• Understand mixtures and solutions

• Know about reversible changes; identify irreversible

• Understand location and interaction of Sun, Earth and Moon

• Introduce gravity, resistance and mechanical forces

Writing

English

identifying an audience

note and develop initial ideas

writing narratives

draft and write, selecting appropriate vocabulary

change and enhance meaning in narratives

precise longer passage using a wide range of devices to build cohesion within and across paragraphs

use further organisational and presentational devices to structure text evaluate and edit

assessing the effectiveness of their own and others' writing

proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

proof-read for spelling and punctuation

Mathematics

- Geometry & Measures
- Convert between different units
- Calculate perimeter of composite shapes & area of rectangles
- Estimate volume & capacity
- Identify 3-d shapes
- Measure & identify angles
- Understand regular polygons

- Reflect & translate shapes
- Data
- Interpret tables & line graphs
- Solve questions about line graphs

Grammar

Relative clauses

Indicating degrees of possibility using adverbs

Devices to build cohesion within a paragraph

Linking ideas across paragraphs

Choosing and positioning sophisticated conjunctions to suit the purpose of the writing

Use sophisticated strategies to open sentences.

Secure 'edingly' starters.

Use of powerful adjectives/adverbs:

Use of powerful verbs:

adore, create, demonstrate, prefer

Use of a wide range of sophisticated conjunctions and openers.

Fractions

- Compare & order fractions
- Add & subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers
- Link percentages to fractions & decimals

History

• Ancient Greece – a study of Greek life and achievements and their influence on the western world

• Gives some causes and consequences of the main events, situations and changes in the periods studied.

• Looks at different versions of the same event and identifies differences in the accounts.

• Identifies changes within and across historical periods.

• Looks at different versions of the same event and identifies differences in the accounts.

• Gives clear reasons why there may be different accounts of history.

• Knows that people (now and in past) can represent events or ideas in ways that persuade others

Art, Design and Technology

- Collage
- Digital media
- 3D Sculpture
- Textiles
- Printing
- Painting
- Drawing

PSHEE

- New beginnings
- Getting on and falling out
- Say no to bullying
- Keeping myself safe
- Going for goals
- Our community
- Good to be me
- Relationship
- Internet safety
- Changes

Modern

- French

Languages

Physical Education

- Acquiring and developing skills
- link skills, techniques and ideas
- Selecting and applying skills, tactics and compositional ideas
- understand tactics and composition
- Evaluating and improving performance
- compare and comment on skills, techniques and ideas

Knowledge and understanding of fitness and health

Computing

- Computer Science
- Scratch – games incl. timers and scoreboards
- Go control – algorithms, debugging inputs and outputs – control boxes/ACEs traffic lights, fairground lights, zebra crossing, cross roads
- Information Technology
- Data handling – analysing data, graphs, using formulas
- Use a range of media: word processing, videos
- Information Technology - Online safety

Geography

- Name & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain area

Music

- Sings songs with increasing control of breathing, posture and sound projection
- Identify melodic phrases and play / sing them by ear.
- Comment on how sounds are used to create different moods.
- Identify different starting points for composing music.

Religious

- How did Jesus teaching challenge people?
- What helps Hindu's to worship?
- Christmas: Why is light an important sign at Christmas?
- What is a creed?
- How do we know what happened at Easter?

Education

- How can churches help us to understand Christian belief? What would Jesus do?
- How do the beliefs of Christians influence their actions?

Curriculum Overview for Year 5