

English

Reading

- apply their growing knowledge of root words, prefixes and suffixes
- read further exception words
- read aloud and understand the meaning of new words
- using dictionaries to check the meaning of words that they have read
- retrieve and record information from non-fiction

Writing

- Know how to structure an instruction text
- organising paragraphs around a theme
- proofread for spelling and punctuation errors
- Know how to use conjunctions, fronted adverbials and direct speech with correct punctuation
- use further prefixes and suffixes and understand how to add them
- use the first 2 or 3 letters of a word to check its spelling in a dictionary


Handwriting

- use the diagonal and horizontal strokes that are needed to join letters
- increase the legibility, consistency and quality of their handwriting

History / Geography

- Know the parts of a volcano
- Use maps to locate where the equator, tropic of Cancer and Tropic of Capricorn are
- Know what is meant by the term 'tropics'
- **Additional Key Vocabulary:**
Volcano, Volcanic eruption, Ash fall, Crater, Vent. Fissures, Throat, Flank, Lava, Magma chamber, Conduit and Ring of Fire.

Art / DT

- Know about the artist Andy Warhol 
- Know what is meant by the term 'pop art'
- **Additional Key Vocabulary:**
Contrast, Tertiary colours, Analogue colours and complementary colours.

Music

- Know about calypso music
- Know how steel pans are made
- Know how to hold the beaters
- Know how to follow the music notes to play together
- **Additional Key Vocabulary:**
Notes, Scales, pattern, beats, rest stops and orchestra.

Maths

- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value
- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

RE

- Know what Christians learn from the Creation story
- Understand what Christian do because they believe in God
- **Additional Key Vocabulary:**
Jewish, creator, universe, relationships, unique and Genesis

Science

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature
- **Additional Key Vocabulary:**
Evaporation, Condensation, precipitation, matter, water vapour, thermometer, particles, state,

Computing

- Know how to use technology safely, respectfully and responsibly; know a range of ways to report concerns and unacceptable behaviour
- Know that not everything they see on the internet is true, honest, or accurate
- **Additional Key Vocabulary:**
Network, devices, ownership and content.,

PE

- Throwing underarm and overarm
- Catching the ball
- Hitting the ball with accuracy
- **Additional Key Vocabulary:**
Fielding, Bowling, Batting

Autumn 1—Year 4 Volcanoes

