

English

Reading

- Provide reasoned justifications for their views
- Retrieve, record and present information from non-fiction
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

Writing

- Write effectively and coherently for different purposes: story-writing, balanced discussion, play scripts, diaries and poetry
- Select effective vocabulary and grammatical structures that reflect what the writing requires
- Demarcate sentences accurately with capital letters, full stops, exclamation marks, question marks, commas, apostrophes and inverted commas
- Know how to use conjunctions and adverbials to construct complex sentences
- Use KS2 punctuation mostly correctly.
- Develop neat joined handwriting.
- Practice and use spelling rules to spell words correctly.

DT/Art

- Know how to use artists' work as inspiration for their own. (Rembrandt and Michaelangelo)
- Know how to weave with different materials.
- Know which pencil to use to create different tones and shades.
- Know how to reinforce a part of a structure for strength and stability to construct a working bridge.
- Know about ideas from other designers to create a shape house (Le Corbusier)

Key Vocabulary: weaving, suspension, cantilever, beam, arch

Music

- Know differences in dynamic levels in music.
- To identify music to evoke a particular atmosphere and sound.
- Explore a range of percussion instruments to compose music to create interesting textures.

Key Vocabulary: dimensions, timbre, textures, notation, composition, forte, piano

Maths

- Know how to use written methods for addition, subtraction, multiplication and division
- Develop and solve mathematical problems, patterns and sequences
- Know all times tables up to 12 (year 4)
- Know how to measure, compare, add and subtract different units of measurement.
- Recognise how to write fractions of an object and a number.
- Know equivalent fractions.
- Know how to add, subtract, compare and order fractions with the same denominator.
- Know the perimeter and area of 2D shapes.



Geography

- Use maps to locate, and know the names of at least eight European countries.
- Know where the equator, tropic of Cancer, Tropic of Capricorn and the Greenwich meridian are on a world map.
- Know the names of, and locate, the counties that surround Northamptonshire.
- Know and name four cities in the UK.
- Know the key features of an Ordnance Survey map.

Key vocabulary: co-ordinates, latitude, longitude

Science

- Know about the importance of a nutritious, balanced diet.
- Know how nutrients, water and oxygen are transported within animals and humans.
- Know about the skeletal and muscular system of a human.
- Identify and name the parts of the human digestive system.
- Know the functions of the organs in the human digestive system.
- Identify and know the different types of human teeth .
- Know the functions of different human teeth.

Key vocabulary: endoskeleton, exoskeleton, hydro-skeleton, vertebrate, invertebrate, incisor, canine, molar, esophagus, intestine

Computing

- Experiment with variables to control models.
- Write programs that accomplish specific goals .
- Explain the effect editing can have on an image and real life uses.
- Develop photo-editing skills.
- Recognise acceptable and unacceptable behaviour using technology. (internet safety)

PE

- Know how to pass, receive and travel with the ball in the game of hockey with some control and accuracy.
- Know how to win the ball back by tackling and intercepting.
- Develop ball handling skills with confidence..
- Know how to develop good balance skills.

RE

- Know why good Friday is celebrated
- Know how key features and actions help people worship within Christianity, Islam, Sikhism and Hinduism.
- Know the beliefs and celebrations of Diwali

Additional Key Vocabulary: Gurdwara, Guru Nanak, Guru Granth Sahib, Diwali