

Science



The National Curriculum for Science is:

Autumn One

Animals including humans

- identify and name the main parts of the human circulatory system, and describe the functions of the heart
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the way in which nutrients and water are transported within animals, including humans.

Autumn Two

Living Things and their habitats

- describe how living things are classified
- give reasons for classifying plants and animals

Spring One

Evolution

- recognise that living things have changed over time and that fossils provide information about living things in the past
- recognise that living things may produce offspring
- identify how animals and plants are adapted to suit their environment

Spring Two

Light

- recognise that light appears to travel in straight lines
- explain that objects are seen because they give out or reflect light into the eye
- explain how we see things
- explain why shadows have the same shape as the objects that cast them

Summer

Electricity

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells in a circuit
- compare and give reasons for variations in how components function
- use symbols when representing a simple circuit in a diagram.
- Apply knowledge to D&T unit

Year 6

English

English is broken down into the following areas:

- Spoken Language
- Reading
- Writing
- Spelling
- Handwriting and Presentation
- Vocabulary, grammar & punctuation

*To develop the children's understanding of the above we will be studying the following texts:



Autumn One

- The Unforgotten Coat by Frank Cottrell Boyce
- Kensuke's Kingdom by Michael Morpurgo
- Poetry-What's happened to Lulu? (C.Clausley), The listener (De La Mare)

Autumn Two

- Rose Blanche- Ian McEwan
- The Man Who Walked Between the Towers -Mordicai Gerstein
- Nelson Mandela biography

Spring One

- The Arrival- Shaun Tan
- The Island- Armin Greder
- Holes- Louis Sachar

Spring Two

- A Beautiful Lie- Irfan Master
- Macbeth

Summer One

- Revision & SATs
- Formal Letters - letters of complaint/ subjunctive

Summer Two

- Poetry - William Blake
- Skelling- David Almond
- Surviving Year 6! Information and advice booklet for next Year 6 pupils

Mathematics

Mathematics is broken down into the following Learning Objectives for Year 6:

- Can interpret, order and manipulate whole and decimal numbers
- Can recall number facts and calculate mentally
- Can use formal written methods of calculation for all four operations
- Can manipulate fractions, use and interpret percentages and ratios
- Can measure accurately, covert units; draw, identify properties and transform shapes
- Can construct and interpret graphs, use the mean and read scales
- Can solve multi-step problems and use symbols to represent numbers



Physical Education



The Curriculum for P.E.:

Autumn

Basket Ball
Games – Tag Rugby

Spring

Gymnastics
Dance

Summer

Games - Cricket
Athletics

Computing

Pupils will be taught to:

- design, write and debug programs
- use sequence, selection, and repetition in programming.
- understand computer networks including the internet
- use search technologies effectively
- select, use and combine a variety of software
- use technology safely, respectfully and responsibly

Modern Foreign Language

- Mandarin

History / Geography

History and Geography will be studied alternately.



Autumn One

History – WWII
Geography – Our Changing Climate

Spring

History – Islamic Civilisation CE 900
Geography – The Middle East

Summer

Geography – Water World
History – Living History – 1960s

Art / D&T (studied alternately)



Autumn

Art Drawing/pastels – Still Life
D&T Frame structures: Animal shelters

Spring

Art Exploring 3D materials – Sculpture
D&T Food - Seasonality and Celebration

Summer

Art A Sense of Place – Landscape Painting
D&T Electrical systems and control

Music

Pupils will be taught to:

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments
- improvise and compose music
- listen with attention to detail and recall sounds with increasing aural memory
- use and understand musical notation
- appreciate and understand a wide range of high-quality live and recorded music
- understanding of history of music.

All classes will learn Djembe Drumming



R.E.

Through the study of the major world religions children will learn to understand:

- the beliefs of the major world religions
- why and how special celebrations occur within major world religions.
- To relate their own experiences to major world religions and consider humanist ideas