

Curriculum Overview for Year 6

English

Reading

- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarising key points from texts
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, inc. figurative
- Discuss & explain reading, providing reasoned justifications for views

Autumn Term 2015

- Study of Kensuke's Kingdom - Morpurgo

Writing

- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for effect
- Use a wide range of cohesive devices
- Ensure grammatical consistency

Autumn Term 2015

- Biography
- Letters
- Stories with mystery and suspense
- Persuasion
- Myths, legends and fables

GPS

Autumn Term

- Plurals when the word ends in -y (i.e. boys, flies)
- Suffixes – ible, able, ance, ence, -ious, tious, -tial, -cial
- I before e except after C.
- Mnemonics: said, secretary, necessary, separate
- Adding suffixes beginning with vowel letters to words ending in -fer
- Complex sentences
- Apostrophes (Contraction and Possession)
- Semi Colon use
- Main and subordinate clauses
- Direct Speech
- Passive and active

Art & Design

- Use sketchbooks to collect, record, review, revisit & evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials

Autumn Term 2015

- Learn about great artists, architects & designers
- Perspective Drawing
- Landscape Painting

Computing

- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content
- Autumn Term 1
- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs
- Detect & correct errors in programs

Mathematics

Number/Calculation

Autumn Term

- Secure place value & rounding to 10,000,000, including negatives
- Multiplies multi-digit numbers up to four digits by a two-digit whole number using the formal written method of long multiplication
- Divides numbers up to four digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context
- Use order of operations (not indices)
- Identify factors, multiples & primes
- Solve multi-step number problems
- Use estimation to check answers to calculations and determines, in the context of a problem, an appropriate degree of accuracy

Data

Autumn Term

- Use pie charts
- Calculate mean averages

Geometry & Measures

Autumn Term

- Confidently use a range of measures & conversions
- Calculate area of triangles / parallelograms
- Use area & volume formulas Classify shapes by properties
- Know and use angle rules
- Translate & reflect shapes, using all four quadrants

Algebra

- Introduce simple use of unknowns and use simple formulae

Fractions, decimals & percentages

Autumn Term 2015

- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole numbers
- Solve problems using decimals & percentages
- Use written division up to 2dp
- Introduce ratio & proportion

g-STEM

- Use research & criteria to develop products which are fit for purpose and aimed at specific groups
- Use annotated sketches, cross-section diagrams & computer-aided design
- Analyse & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming Cook savoury dishes for a healthy & varied diet

Autumn Term 2015

- Design and build a buzzing wire game based around electrical circuits.
- Design, test and evaluate parachutes – air resistance.
- History of Space Travel
- Structure of Geodesic Dome – Biomimicry
- Designing a space rover using Rasperry Pi

Modern Languages

- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender
- **Autumn Term 2015**

Rigolo – Le weekend/ Les Veterenents

P.E

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance & athletics
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swimming proficiency at 25m (KS1 or KS2)

Autumn Term 2015

- Indoor: Gymnastics
- Synchronisation and canon
- Counter-balance and counter tension
- Outdoor: Tennis/Rugby

Geography

Storms and Shipwrecks!

(Autumn Term)

- Extreme weather conditions, encompassing global warming, building weather stations and collecting and interpreting results.

Coastal erosion (Summer Term)

- Coastal formation/Off shore drift/ Types of rock
- Coastal defences/fossils/Grid references/field work

Music

- Perform with control & expression solo & in ensembles
- Improvise & compose using dimensions of music
- Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

Religious Education

Autumn Term 2015

- Prayer / Communication
- Christmas/ 2 birth narratives/Interpretation

Spring Term 2016

- Easter/ Death and Resurrection
- Rules and Guidance/ teaching

Summer Term 2016

- What Christians believe about Jesus/Incarnation

Ukulele Tuition

- Refine and improve work and that of others.
- I sing or play from memory with confidence.
- I perform alone and in a group, displaying a variety of techniques.
- I take turns to lead a group.
- I sing or play expressively and in tune.
- I perform showing expression.
- I hold my part in a round.
- I am confident in singing or playing solo.
- I understand the tuning of a ukulele
- I can follow instructions to hold and play a range of popular chord structures.
- I know how to strum a chord and how to play certain notes on certain strings

SMSC/PSHE/Foundations for Learning

- **Collaboration and relationships**(New beginnings)Autumn Term
- **Independence and Resilience** (going for goals) Autumn Term
- **Self Awareness** (Good to be me) Spring Term
- **Thinking Skills** (Changes) Summer Term

Science

Autumn Term 2015

- Living things and their Habitats
- Animals including humans

Spring Term 2016

- Evolution and inheritance
- Light

History

British History (taught chronologically)

- A study of an aspect or theme in British History that extends pupils chronological knowledge beyond 1066
- British Clothing: 1066 to the present day (Spring Term 2016)

Broader History Study - A study of a non-European society that provides contrasts with Mayan civilization (Summer Term 2016)

Summer Term 2016

- Electricity
- Animals including humans ([Link to SRE](#))