

Curriculum Overview for Year 6 – Autumn

English

Reading

recommending books that they have read to their peers, giving reasons for their choices
identifying and discussing themes and conventions in and across a wide range of writing
making comparisons within and across books
discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary
provide reasoned justifications for their views

Writing

- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- n writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- n narratives, describing settings, characters and atmosphere and integrating dialogue to convey meaning

Grammar, punctuation and spelling

- using expanded noun phrases to convey complicated information concisely
- using modal verbs or adverbs to indicate degrees of possibility
- using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun
- using commas to clarify meaning or avoid ambiguity in writing
- using hyphens to avoid ambiguity
- using brackets, dashes or commas to indicate parenthesis
- using semi-colons, colons or dashes to mark boundaries between independent clauses

Art & Design

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

Computing

- Set and Agree Online Safety rules
- Identify how to effectively use search engines
- Describe how search engines select results and how they are ranked
- To understand how search results can be influenced
- To evaluate different communication methods
- Use a computer to create and manipulate 3D objects
- Compare working digitally with 2D and 3D objects
- Identify how most physical objects can be broken down into a series of 3D shapes
- To design, develop and improve a digital 3D model

Mathematics

Number & PV

- read, write, order and compare numbers at least to 10,000,000
- round any whole number & solve related problems
- Four Operations**
- perform mental calculations, including with mixed operations and large numbers.
- solve addition and subtraction multi-step problems in contexts
- identify common factors, common multiples and prime numbers.
- use formal written methods of long & short multiplication & division
- use estimation to check answers to calculations and determine

Geometry

- illustrate and name parts of circles, including radius, diameter and circumference.
- recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
- draw 2D shapes using given dimensions and angles.
- recognise, describe and build simple 3D shapes, including making nets.
- Measures**
- solve problems involving the calculation and conversion of units of measure
- use, read, write and convert between standard units
- convert between miles and kilometres.

Fractions & Decimals

- use common factors to simplify fractions
- compare and order fractions, including fractions > 1
- add & subtract fractions with different denominators and mixed numbers
- multiply and divide numbers by 10, 100, 1000
- Statistics**
- interpret and construct pie charts and line graphs and use these to solve problems
- calculate and interpret the mean as an average

Design & Technology

- 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

Geography

- Identify and locate the countries of South America
- Investigate and compare climate of South American countries
- Find out about the major mountain ranges of South America and use the related vocabulary
- Find out about trade and industry and South America
- Carry out an in depth study of a South American country

Modern Languages

- Classroom routines
- Clothes
- Family members
- Listen & engage through speaking, reading and writing.
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Describe people, places & things
- Understand basic grammar, e.g. gender

Languages

Music

Samba

- Appreciate and understand the place of Samba within Brazilian culture.
- Learn to play all instruments of the Samba ensemble appropriately and musically.
- Explore how sound is created on all the instruments and the most appropriate rhythms to choose for each one.
- Embed concepts of pulse and rhythm.
- Refine instrumental techniques.

Science

Electricity

- To understand how varying components in a circuit changes the effectiveness of the output
- To use accepted conventions for drawing circuit diagrams

Light

- How humans see things and the scientific processes associated with this

History

- The importance of the Maya empire
- Find out how the Maya empire grew
- Learn how different life was for the poor and the rich
- How we know what life was like during this period
- Explore why the Maya empire declined.

Physical Education

- 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

Religious Education

Education

- To know what beliefs humanists share with each other. Explore the teaching of Ahimsa (non-violence) and why Hindus follow this teaching.
- To understand if it is really possible to wash away sins from Christian and Hindu teaching.
- To know what freedom of expression is and understand if limits should exist.
- To know the Christian story of The Good Samaritan and know what Christian love requires of a person.
- To understand why there are so many prophets in Islam.

