Curriculum Overview for Year 6: Summer Term

English

Writing

'Kensuke's Kingdom' by Michael Morpurgo

Skills:
Noting and developing initial ideas, drawing on reading and research where necessary.
Selecting appropriate grammar and vocabulary, understanding how choices can change and enhance meaning
In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
Precising longer passages
Using a wider range of devices to build cohesion within and across paragraphs
Using further organisational devices to structure text and to guide the reader
Assessing the effectiveness of their own and other's writing.
Perform their own compositions, using appropriate intonation, volume, and movement so that meaning is clear
Use a thesaurus
Using expanded noun phrases, modal verbs and adverbs.
Using hyphens to avoid ambiguity
Using colons, semi-colons and dashes to mark boundaries between independent clauses
Using a colon to introduce a list

Knowledge:
Non-Chronological Report – about orang-utans or jellyfish
Stories with a historical setting (Discovering Lady Fu Hao's tomb – History link)
Stories from different cultures (POR book)
Newspapers - POR book – the closure of the Brickworks
Formal Letter – the letter from the Brickworks about the redundancy
Magazines/Persuasion (Visit China holiday brochure**).**
Information texts/Non chronological reports (Mini book on Shang Dynasty).
Poems to perform
Balanced Discussion - Should the family sail around the world?

Reading

Leisure Poem by W. H. Davies
Consolidation of skills in preparation for SATs
A Midsummer Night's Dream – video clips + excerpts from Shakespearean play script

Skills:
Learn a wide range of poetry by heart, prepare poems and plays to read aloud and perform
Understand what is read by reading and discussing a range of texts
Ask questions to improve understanding of texts
Participate in discussions about books
Discuss how authors use language, including figurative language, to affect the reader
Identify how language, structure and presentation contribute to meaning
Retrieve, record and present information from non-fiction
Distinguish between statements of fact and opinion
Understand root words, prefixes and suffixes and understand the meaning of new words
Understand the meaning of new words
Summarise ideas drawn from more than one paragraphs, identifying key details
Infer about a character's feelings using evidence from the text
Predict future events from details stated and implied
Discuss understanding including meaning of words in context
Participate in formal presentations and debates about reading
Identify and discuss themes and conventions across a wide range of writing
Provide reasoned justifications for views

Knowledge
Read and discuss a wider range of fiction
Reading books that are structured in different ways
Increasing familiarity with a wide range of books including *fiction from our literary heritage*
Understanding of language (especially vocabulary)

Religious Education

Inspirational people in today's world:
Islam & Hinduism

Skills:

Pupils research key figures (Greta T, Gandhi, MLK)
Pupils give their opinions about the beliefs of others
Explore who they find inspiring

Knowledge

Understand the idea of 'wisdom'

Consider the idea of 'inspiration'

Design & Technology

Let's go Fly a Kite (Structure)

Subject Endpoints
Skills:
Communicate my existing understanding
Develop design criteria
Develop and communicate a design
Accurately measure and cut the shape of the body of the kite and join it to the frame structure
Make a strong and stiff frame structure to support the kite
Evaluate my kite
Knowledge
Explain how key events and individuals in design and technology have helped shape the world
Name and explain the function of the different parts of a kite
Investigate kite shapes
Select from and use different materials and components

Science

Electricity
Skills (Working Scientifically):
Build on work from Year 3
Construct simple series circuits
Answer questions
Knowledge:
Use symbols to represent a simple diagram
Systematically identify the effect of changing one component at a time in a circuit
Design and make a set of traffic lights, a burglar alarm or some other useful circuit
Learn how to represent a circuit using recognised symbols

Living things, Habitats and Classification
Skills:
Build on learning from Year 4
Practise broad grouping
Classify animals into vertebrates and invertebrates
Discuss reasons for groupings
Knowledge:
Explore the work of Carl Linnaeus
Understand classification systems and describe how living things are classified
Give reasons for classifying plants and animals
Research unfamiliar animals and plants

Art

Focus on Terracotta Army (China)
Study, recreate and design own style of sculpture with clay
Knowledge:
Learn about great artist
Record observations (comment on existing art and experiment with using different clay tools and techniques)
Create a statue based on the Terracotta Army

Subject Endpoints
Skills:

Develop techniques including the use of materials (clay-sculpture)
Improve mastery of techniques including sculpture with a range of materials (sculpture using clay)
Moulding clay
Shading techniques to create realistic features and texture
Review and revisit ideas (using previous knowledge of sculpture-papier mache).

Transition Unit:
Consolidation Key Stage 2 of Art Skills
Consolidate learning of Art techniques and skills using mixed media
Knowledge:
Learn about famous art work
Choose favourite skill to apply independently

Skills:
- Oil pastel: blending
- Water colour: wet on dry and wet on wet
- Poster paint: colour mixing
- Tissue: creating form
- Pencil crayon: blending

Maths

Geometry: Properties of Shape
Knowledge
Revisit 2D shapes and angles
Recognise and build 3D shapes
Compare shapes
Illustrate and name parts of circles
Recognise angles

Skills
Draw 2D shapes
Recognise 3D shapes
Describe 3D shapes
Build simple 3D shapes
Compare and classify geometric shapes based on properties, size and unknown angles
Illustrate and name parts of circles (including radius, diameter and circumference)
Know that diameter is twice the radius
Recognise angles where they meet at a point
Recognise angles on a straight line
Recognise angles which are vertically opposite
Find missing angles

Revisit

All areas of maths to be revisited (with a particular focus on weaker topics):
Place value
Addition and Subtraction
Multiplication and Division
Fractions, decimals and percentages
Geometry (shape, angles, position and direction)
Algebra
Converting measures
Perimeter, area and volume
Ratio
Statistics

End-of Key Stage 2 SATs tests

Problem Solving
Post-SATs Problem solving/ Investigations

Nrich problems to further develop mathematical resilience and collaboration

Problem Solving

Problem solving/Enterprise sessions/Investigations
Readiness for secondary school

Creating products/designing games for Summer Fayre afternoon
Nrich problems to further develop mathematical resilience and collaboration with others
Working with a budget tasks e.g. creating holidays, fairgrounds and shopping
Revisit any weaker topics and address gaps in pupils' knowledge in preparation for secondary school

Geography & History

Geography

Our World
Locate main countries in Asia and Oceania and identify their main environmental regions including the key physical and human characteristics and major cities.

Knowledge
Know the main countries in Asia and Oceania.
Know that Asia and Oceania are continents.
Know the main environmental regions including the key physical and human characteristics and major cities.
Skills
Use latitude and longitude on atlases, maps and globes
Use 6-figure grid references
Locate the main countries of Asia and Oceania
Use atlases to find places
Use geographical language
Critically evaluate responses to geographical issues

History

Shang Dynasty
(the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of The Shang Dynasty of Ancient China).

Knowledge:
Understand when Shang Dynasty is in History
Know the purpose of oracle bones
Understand the life of Lady Fu Hao
Explore calligraphy
Understand religious beliefs of the Shang Dynasty
Know the 'Story of Silk'
Understand where China is and know about the changes since Ancient China
Skills:
Place key events and changes into correct periods of time
Interpret features of periods and societies in the past
Recall, select and organise information
Understand the social, cultural and religious diversities in the past
Describe lines between events and situations
Recognise that the past is represented in different ways

Music

You've got a friend – Carole King
(A song about friendship)

Skills
Listen and appraise
Discussion Improvisation Composition Performance Reviewing
Knowledge
Deepen knowledge and understanding of specific musical styles through listening to more examples of the same styles and understanding its musical structure and style indicators
When listening to the music, find and internalise the pulse using movement confidently and independently
Use correct musical language to confidently describe the music and their feelings towards it
Listen, comment on and discuss with confidence, ideas together as a group
Play and perform in solo and ensemble contexts, playing musical instruments with increasing accuracy, fluency and maintaining an appropriate pulse
Demonstrate musical quality e.g. clear starts, ends of pieces/phrases, technical accuracy etc.
Maintain an independent part in a small group
Build on understanding the basics and foundations of formal notation

PE

OAA Activities (Walesby Visit)

Take part in orienteering activities

Outdoor Athletics
Subject Endpoints
Skills
Further develop sprinting techniques
Develop flexibility, strength, technique, control and balance in a variety of athletic events
Knowledge
Engage in a variety of athletic events in order to practice for Sports Day
Use running, jumping and throwing in isolation
Evaluate and recognise own success in the pursuit of personal bests

Striking and Fielding (Cricket)

Subject Endpoints
Skills
Continue to develop underarm bowling accuracy
Continue to develop directional batting
Develop close, and deep field, catching
Knowledge
Use throwing and catching in isolation and in combination
Bat the ball in an intended direction
Accurately bowl towards a target

Swimming

Consolidate swimming and life saving skills from Year 5

Computing

Computer Science – Computing Systems and Networks
Subject Endpoints
Skills
In this unit, children will explore how data is transferred over the internet initially focusing on addressing, before they move on to the makeup and structure of data packets. They will learn about the school network and be able to explain the differences between more than two network types such as: LAN, WAN, WLAN and SAN. They will also know the difference between physical, wireless and mobile networks. They will understand how computers use binary to send information and that a computer receives an input, processes it and then gives a visible output. They will look inside a laptop seeing the main components and leaning how a computer works. They will investigate the difference between hardware and application software, and their roles within a computer system.
Knowledge
Children can apply the fundamental principles and concepts of computer science.

Digital Literacy
Online Relationships
Knowledge
To describe how to be kind and show respect for others online including the importance of respecting boundaries regarding what is shared about them online and how to support them if others do not.
To describe how things shared privately online can have unintended consequences for others. e.g. screen-grabs.
To explain that taking or sharing inappropriate images of someone (e.g. embarrassing images), even if they say it is okay, may have an impact for the sharer and others; and who can help if someone is worried about this.

Information Technology – Film Creators
Subject Endpoints
Skills
In this unit, the children will develop the skills of capturing, editing, and manipulating video. They will use text, sound, image, video camera angles, framing editing tools and techniques to create a desired effect in a film. They will store, retrieve, and export their recording. At the end of the unit, they will explain how to improve a video by reshooting and editing and be able to select the correct tools to make edits to their video.
Knowledge
Children can suggest filming techniques for a given purpose and will be able to capture video using a range of filming techniques. They will then review how effective their video

Self-image and Identity
Knowledge
To identify and critically evaluate online content relating to gender, race, religion, disability, culture and other groups, and explain why it is important to challenge and reject inappropriate representations online.
To describe issues online that could make anyone feel sad, worried, uncomfortable or frightened and to give examples of how to get help, both on and offline.
To explain how you stay safe when you set up an online gaming profile.
To discuss whether you should be able to edit your selfie.
To explain the importance of asking until we get the help needed.

Foreign Languages

French

Les Vikings
&
Moi dans le monde

Subject Endpoints
Skills
Listen to longer text and more authentic foreign material, learn to 'gist listen' even when hearing language that has not been taught or covered, learn to recall previously learnt language and incorporate in with new language, engage in short conversation on familiar topics, respond with opinions and justifications, tackle unknown language with increased accuracy, write a piece of text using language from a variety of units, incorporate conjugated verbs and learn to be comfortable using connective/conjunctions, adjectives and possessive adjectives, consolidate our understanding of gender and nouns use of negative, adjectival agreement and possessive adjectives

Knowledge
Be able to describe myself and/or another person and talk about my daily routine

Explore other French speaking countries and cultures around the world

PSHRE

Changing Me
Subject Endpoints
Knowledge
Aware of my own self-image
Explain how girls' and boys' bodies change
Describe how a baby develops
Understand how being physically attracted to someone changes the nature of the relationship
Aware of the importance of a positive self-esteem

Knowledge
Know how to develop my own self esteem
Express how I feel about the changes that will happen to me during puberty
Express how I feel about my self-image and know how to challenge negative 'body talk'
Know how to prepare myself emotionally for the changes next year.

Relationships
Subject Endpoints
Knowledge:
Know that it is important to take care of my mental health
Understand that there are different stages of grief
Recognise when people are trying to gain power or control
Judge whether something online is safe and helpful for me
Skills:
Understand that people can get problems with their mental health and that it is nothing to be ashamed of
Recognise when I am feeling those emotions and have strategies to manage them
Demonstrate ways I could stand up for myself and my friends
Resist pressure to do something online that might hurt myself or others.
Take responsibility for my own safety and well-being