Curriculum Overview Year 6 (Upper KS2)

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

Writing

~Use knowledge of morphology & etymology in spelling
~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

Grammar

~Use appropriate register/style
~ Use the passive voice for purpose
~Use features to convey & clarify meaning
~Use full range of punctuation
~Use language of subject/ object
Speaking & Listening
~Use questions to build knowledge
~Articulate arguments & opinions
~Use spoken language to speculate, hypothesise & explore
~Use appropriate register & language

Design and Technology

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

Religious Education

Are the Saints encouraging role models? Is "God made man" a good way to understand the Christmas story. Do clothes express beliefs? Is the resurrection important to Christians? Can we know what God is like? Does what you believe about creation matter?

Also looking at Japan and Buddhism.

Science

~Identify & name main parts of the human circulatory system and its functions.
~Recognise the impact of diet, exercise, drugs and lifestyle on our bodies.
~ Understand what fossils tell us about the past.
~Understand how humans and animals have adapted to changes over time.
~ Understand how light travels and use this to give scientific explanations.
~ Construct simple circuits and explain what happens when components are added or changed.

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 and composers

Maths

All contexts are practised through reasoning and fluency

Number/Calculation

~ Secure place value & rounding to 10,000,000, including negatives numbers, including decimals
~All written methods, including long division
~Use order of operations (not indices)
~Identify factors, multiples & primes
~Solve multi-step number problems

Geometry & Measures ·

~ 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

Fractions , decimals and percentages

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

Data

~ Use pie charts
~ Calculate mean averages

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

Physical Education

~ Athletics

~ 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

Geography

~Name and locate counties, cities, regions & features of UK
~Looking at geography of the countries in our topics

~ Use fieldwork to record & explain areas
~ Understand key vocabulary
~ Study a region of Europe and the Americas
~Understand land use and economic activity

Computing

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

History

~ Wild west: Native American history/beliefs and Pocahontas.

~Wild west: Early settlers , the Gold Rush and the Oregan trail

~Japan: history of Japan, history of the samurai, history of the ninja and sports such as sumo.

~Britain at war: history of WW2 and evacuees.

Art and 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 ~Use different media to capture images