Curriculum Overview Year 5 (Upper KS2)

English

Reading

~ Apply knowledge of morphology & etymology when reading new words
~Reading & discuss a broad range of genres & texts
~Identifying & discussing themes
~Make recommendations to others
~Learn poetry by heart
~Draw inference & make predictions
~ Discuss authors' use of language
~Retrieve & present information from non-fiction texts. ~ Formal presentations & debates

Writing

~Secure spelling, inc. homophones, prefixes, silent letters, etc.
~ Use a thesaurus
~Legible fluent handwriting
~ Plan writing to suit audience & purpose
~Develop character, setting and atmosphere in narrative
~ Use organisational & presentational features
~Use consistent appropriate tense
~Proof-reading
~Perform own compositions

Grammar

~Use expanded noun phrases
~ Use modal & passive verbs ~ Use relative clauses
~Use commas for clauses
~ Use brackets, dashes & commas for parenthesis

Speaking & Listening

~ Give well –structured explanations
~Command of Standard English
~Consider & evaluate different viewpoints
~Use appropriate register

Maths

Number/Calculation

~ Secure place value to 1,000,000 including decimal numbers.
~ Use negative whole numbers in context
~ Use Roman numerals to 1000 (M)
~ Use standard written methods for all four operations
~ Confidently add & subtract mentally
~ Use vocabulary of prime, factor & multiple
~ Multiply & divide by powers of ten
~Use square and cube numbers

Data

~ interpret tables & line graphs
~Solve questions about line graphs

Geometry & Measures ·

Convert between different unit
~ Calculate perimeter of composite shapes & area of rectangles
~ Estimate volume & capacity
~ Identify 3-d shapes
~Measure & identify angles
~Understand regular polygons
~ Reflect & translate shapes

Fractions

~Compare & order fractions
~ Add & subtract fractions with common denominators, with mixed numbers
~Multiply fractions by units
~Write decimals as fractions
~Order & round decimal numbers
~ Link percentages to fractions & decimals

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

Religious Education

Continue to follow locally agreed syllabus for RE (Christianity and Muslim) Do Muslims need the Quran? Does God communicate with man? Does the community of the Mosque help Muslims? Was the death of Jesus a worthwhile sacrifice? Are you inspired? What is best for our world? Does Religion help people to decide?

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

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

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

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.
~ Earth, moon and sun
~Classification keys and Linnaeus
~ Forces—gravity, air resistance and water resistance
~ Describe differences in animal lifecycles and group them.
~To understand the life cycle of plants and how water and nutrients are transported.
~ Research famous scientists
~Compare and group materials understanding reversible and irreversible changes.

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

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

History

~ Learn some key events to occur in Japanese history
~ Egyptian history including art, culture and key figures
~ Greek history focus including art, culture and key figures.
~ History of space exploration
~Important Polar explorers.
~Comparing Shakespearean England to modern England.

Geography

~Name and locate counties, cities, regions & features of UK
~Use 4 and 6 figure grid references on OS maps
~ Use fieldwork to record & explain areas
~ Understand key vocabulary
~ Local geography/ Human to compare and contrast Japan to the UK
~Understand land use and economic activity