Curriculum Overview for Year 5

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

Discuss authors' use of language Retrieve & present information from non-fiction texts.

Formal presentations & debates

English

Secure spelling, inc. homophones, prefixes, silent letters, etc. Use a thesaurus Legible, fluent handwriting Plan writing to suit audience &

Develop character, setting and atmosphere in narrative

Draw inference & make predictions Use organisational & presentational Use consistent appropriate tense

Proof-reading Perform own compositions

Grammar

Use expanded noun phrases Use modal 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

Fractions & Decimals

Number/Calculation

Secure place value to 1,000,000 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

Mathematics

Geometry & Measures

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

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

Data Interpret tables & line graphs Solve questions about line graphs

History

Biology

Science

Life cycles of plants

& animals (inc. mammal, insect, bird, amphibian) Describe changes as humans develop & mature

Classify materials according to a variety of properties **Understand mixtures & solutions**

Know about reversible changes; identify irreversible

Physics

Understand location and interaction of Sun, Earth & Moon

Introduce gravity, resistance & mechanical forces

The Romans:

Life in Britain before the Romans The Roman invasion of Britain

The impact the Romans had on Britain

- Boudicca's rebellion

The Anglo-Saxons/Vikings **Anglo-Saxon invasions** Art and culture Laws and justice Viking raids and invasions.

Art & Design

Use sketchbooks to collect, record and evaluate

Improve mastery of techniques such as drawing, Painting, printing and sculpture with varied materials Learn about great artists, architects & designers including Paula Rego, Fiona Rae.

Geography

Is Europe the same all over?

a region of the UK and a region in Italy.

atlases to focus on Europe.

Design & Technology

Developing, planning and communicating ideas Generate ideas through brainstorming and identif a purpose for their product

Working with tools, equipment, materials and somponents to make quality products (inc food Select appropriate materials, tools and technique

Evaluating processes and products

Evaluate a product against the original design specification Topics: Building Bridges, Chinese inventions

Modern

Languages

Spanish

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

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

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

Computing

Use sequences, repetition, inputs,

variables and outputs in programs

Design & write programs to solve problems

Detect & correct errors in programs

for collaboration & communication

Be discerning in evaluating digital content

Understand uses of networks

Locate the world's continents, countries. Use maps and

Understand geographical similarities and differences

through the study of human and physical geography of

Religious

Education

Family; Ourselves - A awareness of 'Who I am'.

Baptism/confirmation; Life Choices – to show care and

Hope; Advent – waiting in joyful hope for Jesus; the promised one.

Community; Mission – continuing Jesus' mission Eucharist; Memorial sacrifice – how memories are kept alive.

Lent/Easter; Sacrifice – lent is a time for giving Pentecost; Transformation – celebration of the Spirit's power. Reconciliation: Freedom and Responsibility –the commandments Universal Church; Stewardship – Stewardship of Creation.

RHE:

Autumn: Created and Loved by God:

Changes in boys and girls bodies, body image

Social media and the impact on well being

Menstruation

Spring: <u>Created to love others</u>

Personal relationships

Keeping safe: drugs, alcohol and their negative effects

Essential First aid (DR ABC)

Summer: Created to live in the Community

Catholic social teaching

How charities reach out to the wider community with love