Curriculum Overview for Year 6

Reading

- Read and discuss a wide range of genres.
- · Recommend books to others.
- Make comparisons within and across texts.
- Justify answers when 'reading between the lines.'
- Summarise key points from texts
- Identify how language, structure, etc. contribute to meaning.
- · Discuss authors use of language.

· Secure place value & rounding up

to 1,000,000, including negative

All written calculations methods,

including long division (refer to

Identify factors, multiples & prime

· Solve multi-step number problems.

· Solve simple algebraic equations.

Number/Calculation

Calculation policy).

numbers.

Writing

Use knowledge of morphology (word structure, eg. 'schoolyard' is made up of 'school' and 'yard') & etymology (word origin) in spelling.

English

- Develop legible and joined handwriting.
- Plan writing to suit audience & purpose both independently and through shared writing.
- Develop character, setting and atmosphere in narrative.
- Select appropriate grammar & vocabulary for effect.
- Use a wide range of sentence structures.

Grammar

- Use appropriate language (formal and informal) and style in writing.
- Use appropriate features of a text.
- Use a range of punctuation, eg. ellipses colons, semi-colons.
- Use and punctuate clauses in sentences.

Speaking & Listening

 Use questions to build knowledge, articulate arguments &

opinions. Use appropriate register and language.

Art & Design

Textiles and fashion – using recycled materials to make jewellery or hats.

Use sketch books to plan and develop their ideas. Improve their art and design techniques, including drawing and painting, with a range of materials.

Learn about designers who use recycled material, eg. Shilpa Chavan.

Computing

- Use sequences, repetition, inputs, variables and outputs in programs (Scratch Programming).
- Detect & correct errors in programs.
- Understand uses of networks for collaboration & communication.
- Be thorough in evaluating digital content.

Design & Technology

Use research & criteria to develop products which are fit for purpose and aimed at specific groups, eg, constructing bridges out of spaghetti.

Analyse & evaluate existing products and improve own

Cook savoury soup dishes for a healthy & varied diet.

Use annotated sketches, cross-section diagrams & computer-aided design.

History

British History

Music

 Crime & Punishment - To extend pupils knowledge of an aspect of history beyond 1066. To develop understanding of changes in Crime and punishment from Anglo-Saxons to present.

Broader History Study

 Mayan Civilization - Discovering who the Maya people were and where they lived. Look at the difference in how Mayan cities have changed over the years.

Mathematics

Geometry & Measures

- Use a range of measures and know how to convert between them.
- Calculate area of triangles / parallelograms.
- Use area & volume formulas.
- Classify shapes by properties.
- Know and use angle rules.
- Translate, rotate & reflect shapes.

Statistics

- Use and interpret pie charts
- Calculate mean, mode, median and range.

Fractions, decimals & percentages

- Compare, simplify and find equivalent fractions.
- Convert between fractions, decimals and percentages.
- Solve problems using decimals & percentages
- Use written division up to 2 decimal places
- Introduce ratio and proportion.

Modern

Languages

French and Norwegian

- 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.

& expr

Perform with control
 & expression solo & in ensembles.

Religious

Education

- The story of the people of God.
- · Followers of Christ.
- · Advent.
- Christmas.
- Pentecost
- Baptism and Confirmation celebrations.
- Lent & Holy Week
- Easter
- · Belonging to the Church Community.
- · Celebrating the Life of Mary and the Saints.
- · Prayers in the Lives of Followers of Christ.

Science

Biology

- Classification, including micro-organisms.
- Health & Lifestyles, incl. circulatory system.
- Evolution & Adaptation.

Light & Shadows; the eye.

Forces, including gravity.

Electricity: investigating circuits.

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.

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.

Geography

- Name & locate
 counties, cities, regions & features of UK.
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones.
- Study the geography of Greece and Brazil
- Use 4 and 6 figure references on OS maps.
- Develop map reading skills for 'Bear Grylls' challenge.