Coverage of the National Curriculum in Year 6 (Fulmar Class) at Marlborough

Reading

Read a broad range of genres. Recommend books to others. Make comparisons within and across books.

Support inferences with evidence summarising key points from texts.

etc. contribute to meaning. Discuss use of language, including figurative speech. Discuss and explain reading. providing reasoned iustifications for views.

Writing

and etymology in spelling. Develop legible personal handwriting style.

English

Plan writing to suit audience and Use guestions to build purpose; use models of writing. Identify how language, structure, Develop character and setting in Articulate arguments narrative.

> Select grammar and vocabulary for effect.

Use a wide range of cohesive devices.

Ensure grammatical consistency.

Grammar

Use the passive voice for purpose. Use knowledge of morphology Use features to convey and clarify meaning; use full punctuation and language of subject/object.

> Speaking and Listening knowledge

and opinions.

Use spoken language to explore speculate and hypothesise. Use appropriate register and language.

Art & Design

Use sketchbooks to collect, record and evaluate ideas.

Improve mastery of techniques such as drawing, painting and sculpture with varied materials.

Learn about great artists, architects, illustrators and designers.

Computing

Design and write programs to solve problems. Use Scratch, VB for applications in sequences.

repetition, inputs, variables and outputs in programs.

Detect and correct errors in programs. Understand operating systems, servers

and uses of networks for collaboration and communication.

Be discerning in evaluating digital content.

Number/Calculation

Secure place value Secure place value and rounding to 10.000.000. including negatives.

All written methods, including long division.

Use order of operations (not indices).

Identify factors, multiples and primes.

Solve multi-step number problems.

Algebra

Introduce simple use of unknowns.

Mathematics

Geometry and Measures

Confidently use a range of measures and conversions. Calculate area of triangles and parallelograms.

Use area and volume formulas. Classify shapes by properties. Know and use angle rules. Translate and reflect shapes. using all four quadrants.

Data

Use pie charts. Calculate mean averages.

Fractions and decimals

Compare and simplify fractions. Use equivalents to add fractions Multiply simple fractions. Divide fractions by whole numbers.

Solve problems using decimals and percentages.

Use written division up to 2dp. Introduce ratio and proportion.

Design & Technology

Use research and criteria to develop products fit for purpose and aimed at specific groups. Use annotated sketches, cross-section diagrams and computer-aided design. Analyse and evaluate existing products

and improve own work. Use mechanical and electrical systems in own products, including programming.

Work with school cook and kitchen team to design and cook healthy multicultural savoury dishes.

Modern

Listen and engage conversations. Languages

in simple French expressing opinions

Speak in simple language and be understood. Develop appropriate pronunciation.

> Present ideas and information orally. Show understanding in simple reading

Adapt known language to create new ideas.

Describe people, places and things.

Understand basic grammar including gender.

Geography

Study geographical similarities and differences through a comparison of the Paddington-Penzance hinterland, the Picardie region of northern France and the island state of Newfoundland, Canada,

Carry out an in depth investigation of significant modern day economic and environmental issues focused on tiger conservation or life along the Ganges in India. continueing to develop understanding and use of technical language.

Refine map and field study skills.

Music

Perform with control and in ensembles

and expression solo

Improvise and compose using dimensions of music.

Use and understand basics of staff notation.

Listen to detail and recall aurally.

Develop an understanding of the history of music, including great musicians and composers.

Science

Biology

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

Physics

Light and Shadows; the eye. Forces, including gravity. Electricity: investigating circuits.

History

Carry out an extended chronological study of the coming of the railway to Falmouth, placing its early GWR history in the context of the industrial revolution in Cornwall including the mineral trackways, and the move towards the First World War.

Explore the role of Pendennis Castle in the 1914-1918 war and study aspects of the battlefields in France.

Physical)

Education

Use running, Play competitive jumping, catching games, modified and throwing in isolation as appropriate and in combination

Develop flexibility and control in gym, dance and athletics

Compare performances to achieve personal bests.

Take part in outdoor and adventurous activities and prove competence in swimming 25 metres

Religious

Education

Learning about

Religion Christianity - the Bible God; the Christian way of life; the Church; Christianity in Cornwall.

Islam - Iman, 6 articles of faith and the Qur'an; Tawhid, nature of Allah; Ibadah, 5 pillars; Akhlag, family life.

Learning from Religion

Reflect on belonging to a faith community; living in Cornwall; sources of inspiration, right and wrong. Discuss their own and others' views of religious truth and belief.