Curriculum Overview for Year 6

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

Number/Calculation

division

Algebra

Secure place value & rounding

10,000,000, including negatives

•All written methods, including long

•Use order of operations (not indices)

•Identify factors, multiples & primes

•Solve multi-step number problems

•Introduce simple use of unknowns

 Discuss & explain reading, providing reasoned justifications for views

English

Writing

- •Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting ●Use features to convey & clarity style
- •Plan writing to suit audience & purpose; use models of writing
- •Develop character & setting in narrative
- Select grammar & vocabulary for
- •Use a wide range of cohesive devices •Articulate arguments & opinions
- •Ensure grammatical consistency

Grammar

- •Use appropriate register/ style
- •Use the passive voice for purpose
- meaning
- Use ENP to convey complicated information
- •Use full punctuation
- •Use language of subject/object **Speaking & Listening**
- •Use questions to build knowledge
- •Use spoken anguage to speculate, hypothesise & explore
- ppropriate register & language

Fractions, decimals & percentages

•Use equivalents to add fractions

•Divide fractions by whole numbers

Solve problems using decimals &

•Use written division up to 2dp

•Introduce ratio & proportion

Compare & simplify fractions

Multiply simple fractions

Art & Design

- · Use sketch books to collect and record ideas and explore techniques, incorporating pockets and flaps.
- Use media to show light, shade, form, pattern and
- Use paint techniques characteristic of a specific genre
- Create abstract forms choosing appropriate materials
- Use pattern to add detail, in evement and interest.
- Explain how studying artists' vork has influenced the own.

Computing

- Explain and program each of the steps in an algorithm.
- Evaluate and test the effectiveness of an algorithm.
- se different inputs and predict what will happen.
- Select the most effective tool to collect data. Combine a range of media to achieve a particular
- Know the consequences of sharing information online.
- Check reliability of a website.
- Learn about copyright and acknowledge the sources found online.

Design & Technology

- Select the most appropriate materials and frameworks for different structures.
- Combine materials with moving joints and cut accurately.
- Use most appropriate mechanical system for the
- Incorpolate electrical systems in their work.
- Develor detailed criteria using cross-sectional diagrams, prototypes and pattern pieces.
- Plan how they can have a healthy/affordable diet.

Languages

Geography

- Locate the world's countries using maps to focus on South America Name and locate counties and cities in the UK and understand how
- human and physical features
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle,
- Identify the Prime/Greenwich Meridian and time zones (including day and night).
- Compare a region of the UK with Mexico
- Describe and understand human and geographical features
- Use maps, atlases, globes and digital mapping
- Use 8 compass points, grid references and keys
- Use field work to observe, measure, record and present

Mathematics

- Confidently use a range of
- Calculate area of triangles / parallelograms
- •Use area & volume formulas
- Classify shapes by properties
- •Translate & reflect shapes, using all four quadrants

Modern

- Activities with i
- Activities with il
- Clothes
- Opinions about clothes
- Daily routine
- Breakfast items
- Forms of transport
- Plans for a trip
- Sports
- Preferences

Music

- Securely identify style in dicators in music from different traditions and genres; relating the n to a particular time and
- Find and compare musical examples, using accurate musical terminology to discuss them.
- Sing with an increased range, together and with confidence within increasingly difficult melodies. Sing in 2 part harmony.
- Play musical parts by ear within an ensemble.
- Create meaningful compositions, focusing on the quality of the music not the quantity of notation.
- Perform with understanding of both the music and the audience.

Physical Education

- Use running, jumping, catching and throwing in isolation and in combination, to play invasion games and in athletics.
- Play competitive games, applying basic principles
- Understand the importance of fair play.
- Show the qualities of good sportsmanship.
- Develop flexibility & control in gym & dance.
- Compare performances to achieve personal bests.
- Understand the importance of how to live a healthy life
- Swimming to achieve 25m (Y6 catch up).

Religious

Education

- Pupils describe and explain different ideas about God with reference to two religions or one religion and a non-religious worldview.
 - explain their own views on life's big questions, referring to who or what inspires and influences them.
- Pupils on describe and compare different ideas Christians may have about developing their relationship with God, through prayer, pilgrimage or personal 'spiritual' experience.
- Pupils can describe and compare different ideas from the tradition being studied about the meanings of life and

Geometry & Measures

- measures & conversions
- •Know and use angle rules

Data

- Use pie charts
- Calculate mean averages

Science

- Scientific enquiry-reporting and presenting findings from enquiries including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations.
- All living things- Gives reasons for classifying plants and animals based on specific characteristics. Gives reasons for classifying plants and animals based on specific characteristics.
- Animals including humans- Identifies and names the main parts of the human circulatory system, and describes the function of the heart, blood vessels and blood.
- Evolution and inheritance-Recognises that living things have changed over time and that fossils provide information about living things that were on the earth millions of years ago. Light- Uses the idea that light travels in straight lines to explain
- Electricity- Compares and gives reasons for variations in how components function, including the brightness, the loudness of buzzers and the position of switches.

why shadows have the same shape as the objects that cast

History

percentages

British History (taught chronologically)

A Child's War: A local history study – Impact of World War II on Great Yarmouth

Broader History Study

Hola Mexico: Non-European societa civilization

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