Curriculum Overview for Year 4 ~ Summer Term 2019

English

Reading

- Apply growing knowledge to read aloud and understand new words and those that are exceptions to the rules.
- Listen and respond to a wide range of reading material.
- Discuss techniques that capture the reader's interest and imagination.
- When reading independently, check the text makes sense to them and ask questions to improve their understanding.
- Draw inferences and justify them with evidence.
- Summarise ideas drawn from more than one paragraph.

Writing

- Use prefixes and suffixes and explore homophones further.
- Use the possessive apostrophe accurately.
- Use dictionaries (spellings and meanings).
- Join handwriting and increase its legibility, consistency and quality.
- Plan writing through discussion and recording.
- Draft and write with a rich vocabulary and use paragraphs and headings.
- Evaluate and edit their own and others' writing.
- Proof-read for spelling and punctuation errors.
- Read aloud their own writing to engage the audience.

Grammar

- Use conjunctions, adverbs and prepositions.
- Use apostrophes accurately.
- Extend the range of sentences with more than one clause.
- Use commas after fronted adverbials.
- Use and punctuate direct speech.
- Use and understand grammatical terminology.

Guided reading (Why the Whales came), poetry, descriptive writing, narrative writing.

Art & Design

- Use sketch books to record their observations and to review and revisit ideas.
- Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. paint, clay).
- Learn about great artists, architects and designers in history.

Design & build Stone Age model houses
Study & represent art by Picasso & Mondrian

Computing

- Design, write and debug simple programs.
- Use sequence, selection, and repetition in programs.
- Explain how simple algorithms work.
- Continue to use technology safely, respectfully and responsibly.

Develop knowledge of creating adverts online.

Mathematics

Measurement:

- Convert between different units of measure, e.g. kilometre to metre.
- Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m.
- Find the area of rectilinear shapes by counting squares.

Geometry: Position and Direction

- Describe positions on a 2D grid as coordinates in the first quadrant.
- Describe movements between positions as translations of a given unit to the left/right and up/down.

Geometry: Properties of shape

- Identify acute and obtuse angles and compare and order angles up to two right angles by size.
- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
- Identify lines of symmetry in 2D shapes presented in different orientations.
- Complete a simple symmetric figure with respect to a specific line of symmetry.

Statistics:

- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Design & Technology

- Use research to inform the design of functional products.
- Generate, develop, model and communicate their ideas through discussion, annotated sketches and prototypes.
- Select from and use a wider range of tools/equipment to perform practical tasks, taking into account their functional properties and aesthetic qualities.
- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.
- Evaluate ideas and products against their design criteria and consider the views of others to improve their work.
- Understand how key events/individuals in D&T have helped shape the world.

Design and build bridges.

Geography

- Use maps and atlases to locate rivers.
- Describe and understand key aspects of rivers and the water cycle.
- Name and locate key rivers and land use patterns in the UK and abroad and how these have changed through time.
- Use fieldwork to observe, measure, record and present rivers in the local area using sketch maps.

Rivers and ponds.

PSHE & Citizenship

Changes:

- Myself and My Relationships – Managing Change.
- Healthy and Safer Lifestyles – Sex and Relationships Education.

Music

- Play and perform together, using their voices and playing musical instruments with increasing fluency, accuracy, control & expression.
- Listen with attention to detail and recall sounds with increasing aural memory.
- Use and understand staff and other musical notations.
- Begin to appreciate and understand a wide range of music drawn from different traditions.
- Begin to develop an understanding of the history of music.

Summer 1 – The Barritone; Summer 2 - Reflect, Rewind and Replay

Science

Living Things and their Habitats:

- Recognise that living things can be grouped in a variety of ways.
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.
- Recognise that environments can change and that this can sometimes pose dangers to living things.

Animals, including Humans:

- Describe the simple functions of the basic parts of the digestive system in humans.
- Identify the different types of teeth in humans and their simple functions.
- Construct and interpret a variety of food chains, identifying producers, predators and prey.

History

- Note connections, contrasts and trends over time and develop the appropriate use of historical terms.
- Consider change, cause, similarity and difference, and significance in history.
- Understand how our knowledge of the past comes from a range of sources.

Stones, Bones and Thrones
(Stone Age to the Iron Age).

Physical Education

- Play competitive games (e.g. cricket) and apply basic principles suitable for attacking and defending.
- Develop flexibility, strength, technique, control and balance (mostly through athletics).
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.
- Swim competently, confidently and proficiently over an increasing distance using a range of strokes (e.g. front crawl, backstroke and breaststroke).
- Perform safe self-rescue in different water-based situations.

Athletics, cricket and swimming.

Religious Education

- Understand the main features of Hinduism - gods, festivals and symbolism.

Languages – French

- Broaden their vocabulary and develop their ability to understand new words, including using a dictionary, whilst learning higher numbers and useful grammar and vocabulary for shopping.