Spring Curriculum Overview Year 6

English

- Basic grammar skills: identify and use different sentence structures; recap basic punctuation and more advanced punctuation to enhance writing skills. Parts of speech will also be covered – different sorts of nouns (common, proper, abstract and collective) determiners, verbs, adjectives adverbs, prepositions, pronouns and conjunctions.
- Stormbreaker novel by Anthony Horowitz: 3 assessed writing tasks - an explanation text, a diary entry and a film review; reading skills will cover the key skills of summarising, inference, prediction, retrieval, vocabulary building.
- Within writing, pupils will be taught essential editing skills
- Formal writing unit will include developing pupils' standard English and will culminate in a formal letter of complaint.
- Spellings: the focus will be on perfecting the spellings contained within the national curriculum both the Y3&Y4 and Y5&Y6 lists.

Foundation Subjects

- Geography: locate the world's countries, using maps, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities; name and locate counties and cities of the United Kingdom; understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and other regions
- History: address and sometimes devise historically valid questions about cause, change, similarity and difference (historical enquiry); understand how our knowledge of the past in constructed from a range of sources; understand how our knowledge of the past constructed from a range of sources; construct informed responses that involve thoughtful selection and organisation of relevant historical information; address and sometimes devise historically valid questions about cause, change, similarity and difference (historical enquiry); make confident use of a variety of sources for independent research
- DT: design make and evaluate products; understand and apply the principles of a healthy and varied diet; prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques; understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

Numeracy

- Decimals: identify the value of each digit up to 3dp; multiply numbers with up to 3dp by 10, 100 and 1,000; multiply numbers with decimal places by whole numbers; use written division methods in cases where the answer has 2dp; solve problems which require answers to be rounded to specified degrees of accuracy
- Percentages: solve problems involving the calculation and comparison of percentages; recall and use fraction-decimal-percentage equivalents;
- Algebra: use simple formulae; generate and describe linear number sequences; express missing number problems algebraically; find pairs of numbers that satisfy an equation with two unknowns; enumerate possibilities of combinations of two variables.
- Ratio: solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts; solve problems involving similar shapes where the scale factor is known or can be found; solve problems involving unequal sharing and grouping using knowledge of fractions and multiples
- Measurement: calculate and convert units of measurement to 3dp
- Geometry: illustrate and name parts of circles
- Statistics: interpret pie and line graphs; calculate average mean

Physical Education

- Multi-skills: developing balance and co-ordination and practicing and developing fine and gross motor skills, balance
- Hockey: developing tactical awareness and technical skills, whilst following the TGfU approach to delivering PE.

Computing

- Introduction to the different types of coding programs: Kodu which uses a visual programming language, Scratch which uses block based visual coding language and Python which uses text based programming language.

RE

- What will make our community a more respectful place: explain beliefs about the value of religious and cultural diversity in their local town/community; give examples of the impact of interfaith work in their community; raise questions about how we can be a more tolerant and respectful community, suggesting answers; explain the importance of tolerance, respect and liberty for all

French

- Children will be reading, writing and speaking French words and phrases involving time, daily routine and their home
- Further developing recognition and understanding of French vocabulary
- Listening and responding in French

Music

- Learn and understand how music impacted on the war: being used to boost morale for the troops, specifically looking at music by Glen Miller and Vera Lynn; used by the Nazi government as a propaganda tool, promoting Hitler Youth
- Study the work of Schoenberg, a German composer whose music was banned during WW2
- To learn and perform 3 songs from that era.

Science

- Electricity: associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit; compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches; use recognised symbols when representing a simple circuit in a diagram
- Light : recognise that light appears to travel in straight lines; use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye; explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes; use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them; explore the way that light behaves including light sources, reflections and shadows, make predictions and talk about what happens