**Art/Design Technology**

This half term, children will study the work of war artist, Paul Nash.

DT project – make a model WW1 trench

**National Curriculum Links – Children will:**

* Learn about great artists, architects and designers in history
* Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose
* Generate, develop, model and communicate their ideas through discussion, annotated sketches
* Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
* Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

**PSHE:**

Dreams and Goals

In this unit, the children will learn about their own strengths and how they can set

challenging but realistic goals for themselves.

**Science**

This half term, children will build on their learning from years 3 and 4 about the main body parts and internal organs to explore and answer questions that help them to understand how the circulatory system enables the body to function. They will learn how to keep their bodies healthy and how their bodies might be damaged – including how some drugs and other substances can be harmful to the human body.

**National Curriculum Links – Children will:**

* Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
* Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
* Describe the ways in which nutrients and water are transported within animals, including humans

**Music** *Children will continue to work with a specialist music teacher to***:**

* Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
* Listen with attention to detail and recall sounds with increasing aural memory

**THEME: WORLD WAR 1**



National Curriculum Links/Activities and Outcomes

**History** *This half term the children will learn about the history of World War One - Activities include finding out about why the war started and who was involved and finding out about life for soldiers in the trenches as well as events surrounding the sinking of The Lusitania.*

**National Curriculum Links – Children will:**

* *Study an aspect or theme in British history that extends pupils’ chronological knowledge beyond 1066*

**RE: Sikhism**

**Computing** *Children will continue to recognise the importance of staying safe online during their Computing work. This half term the children will work through the iAlgorithm programme to reinforce the concept that algorithms are a set of instructions that can be followed to complete a task.*

National Curriculum Links – Children will:

* Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact
* Solve problems by decomposing them into smaller parts
* Use logical reasoning to explain how a simple algorithm works and to detect and correct errors in algorithms and programs

**PE** - **Gymnastics**

**National Curriculum Links - Children will:**

* Develop flexibility, strength, technique, control and balance through gymnastics
* Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

**Mathematics**

NC links:

* Use common factors to simplify fractions; use common multiples to express fractions in the same denomination
* Compare and order fractions, including fractions > 1
* Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Multiply simple pairs of proper fractions, writing the answer in its simplest form

* Divide proper fractions by whole numbers
* Associate a fraction with division and calculate decimal fraction equivalents
* Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate
* Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places
* Convert between miles and kilometres
* Recognise that shapes with the same areas can have different perimeters and vice versa
* Recognise when it is possible to use formulae for area and volume of shapes
* Calculate the area of parallelograms and triangles
* Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units [for example, mm³ and km³]

**English**

*This half term, our focused text is ‘Frankenstein’. Written English work will be based around the text and will include a range of writing genres, including: journal writing, newspaper report writing, biographical recount writing, persuasive argument writing*

**Reading**

**GPS (Grammar, Punctuation and Spelling)**

**NC links**

* Continue toread and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
* Read books that are structured in different ways and reading for a range of purposes
* Increase their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction and poetry from our literary heritage, and books from other cultures and traditions
* **(Grammar)** Continue to work on different word classes – nouns, adjectives, verbs, adverbs, prepositions, determiners
* Continue to ensure the consistent and correct use of tense throughout a piece of writing
* Ensure correct subject and verb agreement when using singular and plural
* **(Writing**) Identify the audience for and purpose of the writing
* In writing narratives, consider how authors have developed characters and settings in what pupils have read
* Assess the effectiveness of their own and others’ writing
* Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
* **Punctuation** Begin to use the semi-colon, dash and colon to mark the boundary between independent clauses and to embed the use of commas to separate main and subordinate clauses within more complex sentences. Continue to use brackets (for parentheses)
* **Spelling –** Children continue to work through Read Write Inc for Spelling, working through objectives as set out in the programme that reflects National Curriculum
* **Handwriting** Write legibly, fluently and with increasing speed

**PE**

•Children will have a swimming lesson each week to develop confidence in the water and developing an efficient stroke on front and back

•Children will learn about the importance of staying safe in the water and develop techniques that will help them to perform self-rescue in the water, e.g., treading water

**British Value links**

Understanding of different faiths and beliefs in the UK