



Half –Termly Topic Plan

Year 3 Spring 1

	Topic – Nuts and Bolts
English	<p>Reading and Writing: In Literacy we will be writing a newspaper report based on 'The Iron Man' by Ted Hughes. The children will work on using speech punctuation accurately and we will also look closely at how to structure our writing using paragraphs. During literacy we will look at the structure of sentences with a focus on subjects and verbs. Children will practise their cursive handwriting throughout the week and will work in small groups during our guided reading sessions in order to develop their VIPERS skills</p> <p>Grammar, Punctuation and Spelling (GPS): In grammar, the children will learn about fronted adverbials, expanded noun phrases, adjectives, nouns, verbs and determiners, and how these can be used effectively in their writing. The focus in spelling will be on prefixes and suffixes. The children will also take part in a daily spelling lesson which will revise all level 5 and 6 phonics sounds.</p> <p>Subject vocabulary: subject, verb, expanded noun phrase, adverbial starter, inference, summarise</p>
Maths	<p>Multiplication and Division: learning how to multiply a 2-digit number by a 1-digit number. The children will also learn how to divide a 2 digit number by a 1 digit number. We will then solve a variety of problems using these skills.</p> <p>Length and Perimeter: Children will learn to measure lengths accurately using a ruler. They will use both cm and mm and consider which unit of measure will be the most appropriate. They will then work on equivalent lengths and use this knowledge to solve problems, compare, add and subtract lengths. The block will end with an introduction to perimeter.</p> <p>Times Tables: Continue to consolidate multiplication and division facts x3 x4 and x8.</p> <p>Subject vocabulary: multiples, flexible partitioning, sequence, array, product, factor, centimetre, millimetre, measure, length, perimeter</p>
Science	<p>Our topic for this half term is Forces. The children will compare how things move on different surfaces and will learn how some forces need contact</p>

Everything we do is rooted in our belief that all human beings are loved and cared for by God

	<p>between two objects, but magnetic forces can act at a distance. The children will explore how magnets attract or repel each other and learn about the two poles on a magnet. The children will also compare, predict and group together a variety of everyday materials based on whether they are attracted to a magnet, and identify some magnetic materials.</p> <p>Subject vocabulary: force, magnet, attract, repel, magnetic material, non-magnetic material, poles, north pole, south pole, fair test, compare, group, predict</p>
History	<p>The History and Development of the Railways: In History we will be looking at how the first trains and railways developed. We will be explaining the significance of some early steam locomotives and look at how they have changed over time and the impact this had on people's lives.</p> <p>Subject vocabulary: chronological, timeline, locomotive, railway network, steam, diesel, industry, society</p>
Computing	<p>The children will be exploring Scratch. They will be introduced to a selection of motion, sound, and event blocks which they will use to create their own programs, featuring sequences. The final project is to make a representation of a piano.</p> <p>Subject vocabulary: Scratch, programming, blocks, commands, code, sprite, costume, stage, backdrop, motion, glide, sequence, event, note, chord, algorithm, bug, debug</p>
DT	<p>The children will plan, design and make a moving mechanism picture based on their topic of 'Trains'. They will experiment with a range of techniques to create moving mechanisms and research and design carefully before evaluating their finished product.</p> <p>Subject vocabulary: design, investigate, trains, make, moving mechanism, lever, pivot, slider, rotate, evaluate.</p>
Music	<p>Linked to our History topic on Railways, the children will take a musical journey and explore the relationship between words and music through listening and composing, using Benjamin Britten's poem 'Night Mail' as stimuli.</p> <p>Subject vocabulary: structure, repetition, round, pattern, texture, timbre, beat, classical music</p>
P.E.	<p>OAA: The children will take part in a variety of team games where we will focus on team work to follow instructions and solve puzzles.</p> <p>Gymnastics: We will create gymnastics sequences in small groups using the apparatus.</p> <p>Subject vocabulary: orienteering, teamwork, help, hinder, communication, skills, verbal, non-verbal</p>

<p>R.E.</p>	<p>In RE the children will learn about Hinduism. We will start by learning about the Hindu Gods. We will explore the kinds of things Hindu families would do during the week and look at objects that might be found in a Hindu's home. Towards the end of term, we will look at how Hindus celebrate Diwali and learn about the Hindu belief of karma.</p> <p>Subject vocabulary: belief, festival, symbol, Holy book, Mandir, Diwali, Rama, Sita</p>
<p>French</p>	<p>In French this half term, the children will learn the names of some jungle animals and use numbers to count them. They will learn through singing songs, listening activities and role play.</p> <p>Subject vocabulary: un, deux, trois, quatre, cinq, six, sept, huit, neuf, dix, l'araignée, le soleil, la pluie, un tigre, un éléphant, un serpent, un crocodile, un singe, Je suis ..., C'est ...</p>
<p>PSHE</p>	<p>Me and My Future: This term, children will look at how to look after and manage money. They will learn how people acquire money and why people spend their money in different ways. Children will talk about what they enjoy doing and what they would like to do in the future.</p> <p>Subject vocabulary: budget, finance, bank account, savings, earn, debt, in credit, poverty</p>

Embsey
CofE (VC) Primary School