

Autumn Term Medium Term Planning Yr 5 2018 (Second Half)

Subject	Week 1 - Week 4		Week 5 - Week 6	Week 7
Mathematics	<p>Number: Multiplication and Division</p> <ul style="list-style-type: none"> - Identify multiples and factors, including finding all factors pairs of a number, and common factors of two numbers. - Recognise and use squared and cube numbers and notation for both. - Multiply numbers up to four digits by a one digit number or two digit number, using a formal written method, including long multiplication for two digit numbers. - Multiply and divide whole numbers by 10, 100 and 1000 - Multiply and divide numbers mentally drawing upon known facts - - Divide numbers up to four digits by a one digit number, using a formal written method of short division and interpret remainders appropriately for the context. - Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes. - Solve problems involving the four operations and a combination of these, understanding the use of the equals sign. 		<p>Statistics</p> <ul style="list-style-type: none"> - Solve comparison, sum and different problems, using information presented in a line graph. - Complete, read and interpret information in tables, including timetables. 	<p>Unit Assessment Week (Christmas and Cross-Curricular activities)</p>
Arithmetic	Taught and tested on a weekly basis in classes.	<ul style="list-style-type: none"> - Perform mental calculations using the four operations - Identify the place value of given numbers 		

<p>English</p>	<p>Spoken language</p> <ul style="list-style-type: none"> - listen and respond appropriately to adults, giving well-structured explanations. - ask relevant questions to extend their understanding and knowledge, consider and evaluate different view points. - use relevant strategies to build their vocabulary. <p>Reading- word</p> <ul style="list-style-type: none"> - apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet. <p>Reading – comprehension Text: The Iron Man</p> <ul style="list-style-type: none"> - maintain positive attitudes to reading and understanding of what they read by: - continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks - reading books that are structured in different ways and reading for a range of purposes and making inferences and predictions from a text. - increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions <p>Spelling</p> <ul style="list-style-type: none"> - use further prefixes and suffixes and understand the guidance for adding them - spell some words with 'silent' letters [for example, knight, psalm, solemn] - continue to distinguish between homophones and other words which are often confused - use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically - use dictionaries to check the spelling and meaning of words - use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary - use a thesaurus. <p>Handwriting</p> <ul style="list-style-type: none"> - write legibly, fluently and with increasing speed <p>plan their writing by:</p> <ul style="list-style-type: none"> - identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own - noting and developing initial ideas, drawing on reading and research where necessary - proof-read for spelling and punctuation errors - ensuring the consistent and correct use of tense throughout a piece of writing <p>Writing – vocabulary, grammar and punctuation</p> <ul style="list-style-type: none"> - recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms - using passive verbs to affect the presentation of information in a sentence - using the perfect form of verbs to mark relationships of time and cause - using expanded noun phrases to convey complicated information concisely - using modal verbs or adverbs to indicate degrees of possibility - using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun - using persuasive words and phrases <p>Indicate grammatical and other features by:</p> <ul style="list-style-type: none"> - Using question marks to show rhetorical questions - using commas to clarify meaning or avoid ambiguity in writing <p>using hyphens to avoid ambiguity</p>	
	<p>Week 1 - 4 Writing – Atmospheric Writing Text: The Iron Man</p>	<p>Week 5 - 7 Narrative Poem</p>

Grammar	Determiners/Articles Adjectives to persuade Rhetorical questions Adverbials Adverbs of possibilities Relative clauses Subordinate clauses	Parenthesis () - - , , Tenses Verb agreement Prefixes and suffixes Conjunctions				
Computing I'm a Game Developer E-Safety	<ul style="list-style-type: none"> - Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. (Esafety and use of classroom laptops) - Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content - Design and write programmes to solve problems - Use sequences, repetition, inputs, variables and outputs in programmes; detect and correct areas in programmes 					
IPC Includes: Science History Geography Art Music D & T	<p>This term our unit continues as 'Space Explorers'. The children will learn about space and astronomy. They will explore our solar system and some of the mysteries of the universe. They will investigate the size of the sun and the moon; nebulae and how they can capture their shape, colour and patterns; the technology that is being used to explore Mars; how the International Space Station (ISS) is furthering our understanding of living in space and discover what people used to think about the Earth, Sun and Moon in the past.</p> <p>ICT 3D designers In this unit we will teach the children how to become digitally literate, harnessing their skills to become confident creators and responsible users of computers in their daily lives. They will be making their own 3D models and computer games using programs that enable them to create their own 3D models.</p>					
Science	Taught in Autumn Term 1, through the IPC unit 'Space Explorers'.					
History	Children will research the history of space exploration and discover what people used to think about the Earth, Sun and Moon in the past, through the IPC unit 'Space Explorers'. Local Studies Week- Linked to 100 years since the end of World War I.					
Geography	This will be taught in the Spring Term, through the IPC unit- 'The Great, the Bold and the Brave.'					
Art	Children will explore Mexican festival art, including making masks for the 'Day of the Dead' festival. They will also create artwork based on the theme of 'space', investigating how shape, colour and pattern can be blended together within images.					
Music	Children are going to develop an understanding of the history of music including great musicians and composers. They will listen to music from The Planets by Holst.					
D & T Linked with Host Country not IPC	<ul style="list-style-type: none"> - Prepare and cook a variety of predominantly savoury dishes (linked to host country) using a range of cooking techniques. - Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. - Design and make rockets to travel across a set distance. 					
PE	They should enjoy communicating, collaborating and competing with each other. - Outdoor adventure activities E.G. Orienteering, Team building, problem solving use running, jumping, throwing and catching in isolation and in combination - Gymnastics/Just Dance (Indoor)					
Modern Foreign Languages (MFL) French	<ul style="list-style-type: none"> - Listen attentively to spoken language and show understanding by joining in and responding - Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words - We will be focusing on learning the French language and exploring French culture. We will begin by recapping prior knowledge and then move on to learning more about France. 					
PSHE/Citizenship/SEAL 'Say No'	To appreciate risks and how to deal them.	To explore peer pressure and how to resist this pressure.	How to keep safe in my local area	To know the difference between legal and illegal drugs and to understand the harmful effects of they can have on our bodies.	To know that smoking is bad for your health.	What is a role model and how to be one?

RE Devon agreed syllabus	In R.E the children will discover that fundamental to Christian belief is the existence of a holy and loving God - Father, Son, and the Holy Spirit. They will explore the Creation: investigating how the universe and human life are God's creation, and how separation from God has caused many problems for humanity. Finally, they will investigate comparisons with scientific accounts.
Environmental Work	Maintaining the allotted area of the school grounds. Using the outdoor school environment where possible to enhance lessons and lesson objectives. Each class has an eco-councillor who meets weekly to discuss environmental issues in school.
Cultural Awareness	To learn about the tradition and culture within our host country Mexico. International Day/British Value Afternoon learning. Making links through studying a region of the Americas and living in the UK and what it means to be British.