







Year 4	SEQUENCE OF LEARNING					
Autumn Term 2	Enquiry Question: “How have explorers and scientists impacted our world?” <i>Does our question give the children a real sense of what they will be exploring and finding out about? It should engage them in thinking about the ways in which they might answer it or go about finding answers. Consider the best order for your enquiries and it fits the time of the year. Think about the location and cultural context of our school. Does it coincide with particular events or festivals and is relevant to our community?</i>					
	Harmony Principle: ADAPTATION <i>Does this principle existing in nature integrate into our learning and help develop an understanding of how the world works?</i>					
	Great Work: Whole Class Guide to Dragons (Non-Fiction Book) <i>A purposeful outcome of the learning and a celebration of what has been learnt. Generate a sense of excitement, achievement, pride. The outcome can be shared so we need to adjust our thinking in the current situation.</i>					
	Partners in Learning: Tracy Linney Earth Energy Education - renewable energy workshops Louisa Adjoa Parker poet <i>Who can enrich and add value to an enquiry?</i>					
	Sustainability theme: Energy <i>What can we learn from this principle of harmony that helps us to live more sustainably? This is ultimately the learning goal of a harmony curriculum.</i>					
	Text : How to Train your Dragon, The Dragon Seekers Guide					
	Weekly Questions <i>A series of questions that take the children on a journey towards a meaningful outcome.</i>					
	Who is a famous scientist or explorer?	How did Fibonnaci make a difference?	When is it okay to break the rules?	What makes something great?	What evidence can we find to show that we have adapted?	Can anyone make a difference?

Maths <i>"Maths No Problem"</i>	MNP - Addition and Subtraction				MNP - Multiplication	
Literacy	The Dragon Seekers Guide (Non-Fiction Writing)				Famous Scientist / explorer profile (I.e. Fibonacci, Kirsch, Lovelace, etc)	
Spelling <i>"No Nonsense Spelling"</i>	Strategies for Learning Words & Proofreading	Prefixes 'in-', 'il-', 'im-' and 'ir-'	Words with the /eɪ/ sound spelt 'ei', 'eigh' or 'ey' Words with the /ʃ/ sound spelt 'ch' and the /ʌ/ sound spelt 'ou'	Words with the /eɪ/ sound spelt 'ei', 'eigh' or 'ey' Words with the /ʃ/ sound spelt 'ch' and the /ʌ/ sound spelt 'ou'	Pair testing, strategies for learning words & homophones	Adding suffixes beginning with vowel letters to words of more than one syllable ('-ing', '-er', '-en', '-ed')
Geometry Architecture	 Who was Fibonnaci?	 How does the golden ratio work? (buildings)	 Do most famous architectural buildings use the golden ratio rule?	 Can we design our own buildings using the golden ratio inspired by existing buildings?	 Where can you find Fibonacci's spirals in nature?	 Can we replicate Fibonnaci's spirals in nature?
Outdoor Learning	How can you create a Fibonacci pattern using	How can you represent part of the school building?	Can you make a bridge out of sticks that will hold a pine cone	What will make your bridge stronger?	Are straight lines found in nature? Find examples	What patterns can you find in nature that will inspire and help

	any natural materials you can find outside?		over the edge of the pond?		in our grounds.	you to design a building of your choice?
Sustainability theme - Energy	Emily Kirsch. What difference is she making with energy projects right now?	Where do we find energy in our homes?	What is fossil fuel energy? What will happen when we run out?	Power stations - good or not?	Using too much energy - What's the cost to the earth?	What can you do to conserve energy?
Science	Who discovered electricity?	Where can we find electricity? (in homes)	What happens if we break the circuit?	How do we light a light?	Can anything stop electricity?	Ada Lovelace - Who was she?
History	How do we know the Vikings were great explorers?	What made a Viking settlement successful? (homes)	During the Viking times did the punishment fit the crime?	Was Alfred the Great really great?	Research time to support literacy learning on great explorers and scientists.	
PE	Netball - Can I recall and show how to pass, catch and control a netball with a partner	Netball - Can I move around a netball court effectively with my teammates, while considering positions and space.	Netball - How can I work effectively as part of a team to attack and defend?	Netball - Can I adapt my performance from last week and improve my attacking and defending?	Netball - Can I adapt and apply what I have learnt in a competitive game?	Netball - Can I apply what I have learnt in a competitive game?
Music	Presenting the rhythm	Presenting the rhythm	Practising rhythm and	Practising rhythm and	Christmas Carol Concert Preparation	

			preparing tempo	tempo	
Singing	Weekly singing sessions with Mr Baker Christmas Carol Concert Preparation and Performance				
RSHE <i>"Jigsaw"</i>	Jigsaw - Celebrating Difference				
RE <i>"Discovery"</i>	Where can you find symbols and what symbols have a Christian meaning? What symbols can you find in the Christmas story and what do these different symbols mean? Christingle - what does it mean to Christians? What do you think is the most significant part of the Nativity story for Christians today?				
Computing <i>Rising Stars Scheme- We are toy designers</i>	What's a good toy?	Inputs and outputs - what toys contain computers?	What ideas do you have for an interactive toy?	How can Scratch help us to design?	What is a prototype? Bugs or changes? Designing and adapting my toy.
French	Weekly French Sessions with Madame Huelin.				