

Medium Term Plan – Autumn Term 2nd Half

Class – Year 5 Oaks

Theme- Great journeys

Subject	Week 1 30/10/17	Week 2 06/11/17	Week 3 13/11/17	Week 4 20/11/17	Week 5 27/11/17	Week 6 04/12/17	Week 7 11/12/17	2 days 18/19 Dec
Maths	<p style="text-align: center;">Numbers to 100,000</p> <ul style="list-style-type: none"> • Recognising 10 thousands as 1 ten thousand • Translating 5-digit numbers from: <ul style="list-style-type: none"> ○ numbers/ words to place value models ○ numerals to words ○ words to numerals • Recognising that 10 thousands = 1 hundred thousand • State the place and value of each digit in a 5-digit number • Write a number as the sum of the values of each digit in the number <p style="text-align: center;">Comparing and ordering numbers to 100,000</p> <ul style="list-style-type: none"> • Compare and order numbers up to 100,000 • State how much more or less one number is from another • Find the pattern in a number sequence • Round numbers to the nearest 10 and nearest 100 • Use rounding to estimate answers to calculations 		<p style="text-align: center;">Factors</p> <ul style="list-style-type: none"> • State that if $a \div b = c$ and all are whole numbers, then b is a factor of a • Determine if a 1 digit whole number is a factor of another whole number using division • Recognise that if $c = a \times b$ then a and b are factors of c • list factors of a whole number up to 100 • identify common factors of 2 whole numbers and determine if a 1 digit number is a common factor of 2 numbers 	<p style="text-align: center;">Assessment week</p> <p style="text-align: center;">Then:</p> <p style="text-align: center;">Multiples</p> <ul style="list-style-type: none"> • State that a multiple of a whole number is a product of this whole number and another whole number • Use division to determine multiples • List the first 12 multiples of a given 1 digit number • Identify common multiples of two or three 1 digit whole numbers • Relate the terms 'factor' and 'multiple' State that a multiple of a whole number is a product of this whole number and another whole number • Multiply whole numbers (up to 4 digits) by a 1 digit number and estimate the product 		<p style="text-align: center;">Multiplication</p> <ul style="list-style-type: none"> • Multiply a whole number (up to 3 digits) by 10 or tens using two different methods • Multiply a whole number (2 or 3 digits) by another 2 digit whole number • Estimate the products of the above calculations <p style="text-align: center;">Division</p> <ul style="list-style-type: none"> • Divide a whole number (up to 4 digits) by a 1 digit number • Estimate the quotient for division as above 		<p>Last 2 days of all subjects reserved for closing the gaps.</p>

English	Throughout: spelling, punctuation and grammar objectives to be based on marking of cold and hot tasks.							Last 2days of all subjects reserved for closing the gaps.
	Hot task: warning stories	Imitation: portal stories	Invention: portal stories	Assessment week	Imitation: discussion	Innovation: discussion	Invention: discussion	
	Hot task: newspaper articles	Innovation: portal stories		Cold task: discussion				
	Cold task: portal stories							
Poetry: list poems								
Science	<p>Throughout: objectives for working scientifically</p> <ul style="list-style-type: none"> Identify scientific evidence that has been used to support or refute ideas or arguments Plan different types of enquiry to answer questions, including recognising and controlling variables where necessary Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate record data and results of increasing complexity using scientific diagrams, labels and tables Use test results to make predictions, to set up further comparative and fair tests Report and present findings from enquiries, including conclusions, causal relationships, explanations of and degrees of trust in results Present findings in a variety of ways including oral and written forms 							Last 2days of all subjects reserved for closing the gaps.
	<ul style="list-style-type: none"> Explain what gravity and resistance are Compose scientific enquiry questions 	<ul style="list-style-type: none"> Identify the effects of air resistance 	<ul style="list-style-type: none"> Recognise that some mechanisms, including levers and pulleys, allow a smaller force to have a greater effect 	<ul style="list-style-type: none"> Identify how gears and gear ratios work Identify appropriate gear combinations for specific terrains Identify the effect of friction 	<ul style="list-style-type: none"> Identify the effects of friction 	<ul style="list-style-type: none"> Identify the effects of water resistance 	Last 2days of all subjects reserved for closing the gaps.	

DT			<ul style="list-style-type: none"> Understand and use mechanical systems in products 					Last 2 days of all subjects reserved for closing the gaps.	
MFL taught by MM	Rigalo 1 Unit 12 – Le Cirque & Rigalo 2 Unit 1 Salut Gustave!							No session	
Music taught by TT	Christmas Concert – singing and performing							No session	
PE	Outside IF	Running and finding space. Correct hold of rugby ball	Running with the ball and passing backwards	The rules. Attacking and defending	Decision making. Attacking and defending	Finding and using space. Attacking and defending	Small team games with scoring using previously learnt skills.	Small team games with scoring using previously learnt skills.	No session
	Inside Dance	<ul style="list-style-type: none"> Learn structured movement patterns to create short dance sequences Develop knowledge and technique around a theme Communicate positively with others Appreciate and participate in different styles of dance Lead and help others 					<ul style="list-style-type: none"> Perform dance 	Last week of all subjects reserved for catching up!	
Computing	<ul style="list-style-type: none"> Outline the key features of the world wide web Explain how to use a browser, including navigation via hyperlinks 	<ul style="list-style-type: none"> Explain the relationship between different navigational methods Describe the features of large wikis 	<ul style="list-style-type: none"> Compare collaborating online and in person Give examples of online collaboration 	<ul style="list-style-type: none"> Explain how a blog works Add a blog post and a comment 	<ul style="list-style-type: none"> Use an online surveying tool and describe the advantages and disadvantages to using online tools 	<ul style="list-style-type: none"> Describe how computers can multitask Explain Moore's law 	Assessment week	Last week of all subjects reserved for catching up!	

RE	<ul style="list-style-type: none"> Engage with the idea of thankfulness and thanksgiving 	<ul style="list-style-type: none"> Enquire into the importance of Eucharist to God for Christians 	<ul style="list-style-type: none"> Explore Christian ideas about the Eucharist in Biblical narrative 	<ul style="list-style-type: none"> Explore Christian ideas about the Eucharist in Church practice 	<ul style="list-style-type: none"> Explore Christian ideas about the Eucharist in Christian living 	Assessment week	<ul style="list-style-type: none"> Evaluate what I have learnt about Christian belief and practice in relation to the Eucharist 	Last week of all subjects reserved for catching up!
PSHE	<ul style="list-style-type: none"> To realise the nature and consequences of discrimination, teasing, bullying and aggressive behaviours (including cyber bullying and the use of prejudice based language). How to respond to discrimination, teasing, bullying and aggressive behaviours and ask for help. To develop strategies to resolve disputes and conflict through negotiation and appropriate compromise and to give rich and constructive feedback and support to benefit others as well as themselves. 		<ul style="list-style-type: none"> How bodies will, and emotions may, change as they approach and move through puberty To be aware that marriage is a commitment freely entered into by both people, and that no one should enter into a marriage if they don't absolutely want to do so. 		<ul style="list-style-type: none"> To realise the nature and consequences of discrimination, teasing, bullying and aggressive behaviours (including cyber bullying and the use of prejudice based language). How to respond to discrimination, teasing, bullying and aggressive behaviours and ask for help. To develop strategies to resolve disputes and conflict through negotiation and appropriate compromise and to give rich and constructive feedback and support to benefit others as well as themselves. 		Last week of all subjects reserved for catching up!	