



Sapphire Class - Spring Term 2025 Overview

Class specific additional opportunities – SMSC, Character Development
(Further details of events to be confirmed)

Ashdown Forest Trip 10.01.2025, 28.02.2025
P.G.L. 31st March 2025 – 4th April 2025

	Subject Title(s)	Spring Term 1		Spring Term 2		
		Topic/Unit	Main objectives/outline	Topic/Unit	Main objectives/outline	
S.T.E.M	Maths	Fractions, decimals and percentages	<ul style="list-style-type: none"> Recalling and using equivalence between fractions, decimals and percentages. Calculation of percentages of amounts and the use of percentages for comparison. 	Area, perimeter and volume	<ul style="list-style-type: none"> Recognise that shapes with the same area can have different perimeters and vice versa. Calculate the areas of parallelograms and triangles. Calculate, estimate and compare volume of cubes and cuboids. 	
		Ratio	<ul style="list-style-type: none"> Solve problems involving the relative size of 2 quantities. Solve problems involving similar shape, where the scale factor is known. Solve problems involving unequal sharing 	Statistics	<ul style="list-style-type: none"> Illustrate and name parts of circles. Interpret and construct pie charts and line graphs and use these to solve problems, Calculate the mean as an average. 	
		Algebra	<ul style="list-style-type: none"> The use of simple formulae Linear number sequences. Expressing missing number problems algebraically. Finding [airs of numbers that satisfy an equation. 	Converting units	<ul style="list-style-type: none"> Solve problems involving the calculation and conversion of units of measure. Conversion between miles and kilometres. Conversion of units of measure from a smaller unit to a larger unit of measurement. 	
	Science	Light	<ul style="list-style-type: none"> How we see. Light and straight lines. Shadow formations. Refraction. 	The circulatory system. Diet, drugs and lifestyle.	<ul style="list-style-type: none"> What is the circulatory system and its components. The importance of our hearts and the function of blood. The effect of drugs, lifestyle and diet on our bodies. 	
	Computing	Webpage Creation Spreadsheets	National Centre for Computing Education resources:- Webpage Creation <ul style="list-style-type: none"> What makes a good website? How would you lay out your web page? Copyright – the implications. Think before your link! Spreadsheets <ul style="list-style-type: none"> Collecting data, formatting a spreadsheet, creating formulae, calculating and duplicating. Presenting data. 			
	Design Technology	Electricity	<ul style="list-style-type: none"> Designing a 'steady' hand game. Make and test a functioning circuit Draw a design from 3 different perspectives 			



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English and the Arts	English	Key texts: The Adventures of Odysseus The Hidden Forest Rain Player Grimm Tales	<ul style="list-style-type: none"> Fables, myths and legend writing. Own version of a traditional tale, retellings, character studies and monologues. Recounts, character description and setting descriptions. Balanced discussions, non-chronological reports in the form of a letter to a character. Writing instructions, analysis, use of headings, sub-headings, columns to structure a text
	Music	Sound sources. Exploring lyrics and melody.	<ul style="list-style-type: none"> Use increased aural memory to recall sounds accurately. Use knowledge of musical dimensions to know how best to combine them. Work out how harmonies are used and how riffs are used to accompany singing. Know how the dimensions of music are sprinkled through songs and pieces of work. Use different venues and occasions to vary performances.
	Art	Texture and drawing	<ul style="list-style-type: none"> Produce increasingly accurate drawings of people. Use a variety of techniques to interpret the texture of a surface e.g. mark making, different textured paint. Observe and use a variety of techniques to show the effect of light on objects and people. Applies knowledge of different techniques to express feelings.
	French	School subjects Going shopping	<ul style="list-style-type: none"> School subjects, like or dislikes Dans ma trousse, pancakes Let's go shopping(Shops / clothes etc) Easter
Historical, Spiritual and Global Understanding	History	What did the Greeks ever do for us?	<ul style="list-style-type: none"> Who were the Greeks and when did they live? What did the Greeks believe and what did the Greeks do for us? How was ancient Greece governed and did they give us democracy? How do Greek philosophers influence us today?
	Geography	Where does our energy come from?	<ul style="list-style-type: none"> Why is energy so important? What is renewable energy? How do the U.S. and the U.K. generate energy? What is the best way to generate energy?
	Religious Education		<ul style="list-style-type: none"> What helps Hindus to worship? Why should Hindus live a good life? For Christians, what difference does it make to belong to God's Kingdom?
Health and Wellbeing	Physical Education	Dance / Volleyball	<ul style="list-style-type: none"> To show ideas through dance and move in a way that reflects the music. Explore and practice movement ideas inspired by a stimulus and combine movements fluently. Share ideas within a group and create a routine, to be performed with rhythm and confidence. Understand and apply basic rules, strategies and tactics during a game. Show good position on a court, identify spaces and use of good footwork. Take part in orienteering events, using a map to confidently orientate yourself around. Develop map reading and map building skills. Perform key gymnastics skills with a partner, being able to change dynamics and movement concepts. Perform a combination of actions and movements with quality, fluency and control.
		Orienteering / Gymnastics 2	
	P.S.H.E	Living in the Wider World	<ul style="list-style-type: none"> To value diversity. To know about challenging discrimination and stereotypes. To know how to safely share things online. To recognise why people choose to communicate through social media and explore some of the risks and challenges. Evaluating media sources and the rules and laws surrounding sharing things online. Influences and attitudes to money. The value of money and how to be a critical consumer. Common risks associated with money, including debt, fraud and gambling.

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