Sycamore Class Long Term Plan

	Autumn		Spring		Summer	
	Autumn i	**Autumn ii**	**Spring i**	**Spring ii**	**Summer i**	**Summer ii**
Trips and/or Visitors		Blists Hill (TBC) Pantomime	Shrewsbury Prison (TBC)		City Residential	
English	The Highwayman The Barnabus Project The Eighteenth Emergency	Skellig Christmas Carol	Holes	Holes Letters from the Lighthouse	Letters from the Lighthouse	The Jungle Book
Mathematics	Multiples of 1000 Numbers to 10,000,000 Multiplication and division	Multiplication and division Order of operations Fractions and percentages Position and direction	Problems with two unknowns Area and perimeter	Ratio and Proportion Shape Statistics	Mean average Calculating using known structures Revision	Post SATs Problem Solving Fiver challenge
Science	Animals, including humans *Identify parts of the circulatory system and describe their function; describe the effects of exercise and drugs on the body.*	Electricity *Describe the association of brightness and voltage; explain variations in function of components; use symbols accurately when drawing circuits; understand and describe the impact of electricity on the environment.*	Evolution and inheritance *Identify and describe inherited characteristics; understand and describe the process of natural selection; understand evolutionary timescales.*	Science Week *Theme changed annually*	Light *Explain the formation of shadows and changes in size; describe the behaviour of light on reflective surfaces.*	Living things and their habitats *Understand the purpose of classification; identify helpful and harmful fungi and microbes and describe examples of both.*
History		Victorians	Crime and Punishment			
Geography	Why does population change?			Where does our energy come from?		Can I carry out an independent fieldwork enquiry?
French	Au collège		L'emploi du temps et Les vêtements		Lamétéo en France	
Religious Education	U2.7 Why do Hindus want to be good?	U2.4 Christians and how to live: 'What would Jesus do?'	U2.2 Creation & Science – Conflict or Complimentary?	U2.6 For Christians, what kind of King is Jesus?	U2.10 What matters most to Humanists and Christians? (C, M/J, NR)	U2.14 What do religious and non-religious worldviews teach about caring for the Earth?
Computing	Communication Can you identify and evaluate which methods of internet communication to use for particular purposes? e-safety- To be able to identify acceptable or unacceptable behaviour online.	3D modelling How do you create a 3D model? e-safety- To describe strategies for keeping my personal information private, depending on context	Web page creation How do you design and evaluate your own website? e-safety- To identify and explain why their personal information needs to be kept private and the potential impact on their digital footprint.	Spreadsheets What can spreadsheet be used for? e-safety- To be able to explain how to report concerns over online contact.	Programming - variable in games How can you relate variable to real- life? e-safety- To engage in online communities safely, respectfully and responsibly.	Programming - sensing How can we create our own micro-bit? e-safety- To be discerning about what information they gather, checking validity of data and showing respect to privacy and copyright.
Art and Design		'Craft and design – Photo opportunity'		'Drawing – Expressing ideas'		'Sculpture and 3-D: Making memories'
Design Technology	'Textiles: Waistcoats'		'Structures: Playgrounds'		'Electrical Systems:	
Music	World Unite	Christmas	Journeys	Sing Spring in	Growth	Leavers' songs
Personal Social Health Education (RSE)	Being me in my World (Jigsaw)	Celebrating Differences (Jigsaw)	Dreams and Goals (Jigsaw)	Healthy Me (Jigsaw)	Relationships (Jigsaw)	Changing Me (Jigsaw)
Physical Education	Swimming Football	Forest School Dance	Netball Gymnastics	Tag Rugby Dodgeball	Orienteering Cricket	Athletics Tennis