

Summerbank Design & Technology Long term Plan

	Autumn	Spring	Summer
Year 1	Structures: Windmills linked with Europe topic (visit Holland)	Mechanisms: Moving Storybook linked to Cave Baby	Textiles: Puppets
	Mechanism: Wheels and axles (aeroplanes)	Cooking & Nutrition: Fruit & Vegetable smoothie (PSHE 'Healthy Me' Spring 2)	
Year 2	Textiles: Pouches (linked to Hodgeheg)	Structures: Chair (link to Lost Happy Endings)	Mechanisms: Ferris Wheel (link with 'The Enormous Crocodile')
		Cooking & Nutrition: A Balanced Diet (link to PSNE 'Healthy Me' Spring 2)	
Year 3	Textiles: Cushions (link with Matisse art)	Structures: Castles (link with Romans)	Cooking & Nutrition: Eating Seasonally
		Mechanisms: Pneumatic Toys (Boy Who Grew Dragons – make a dragon head)	
Year 4	Mechanisms: Slingshot Cars (maths link 2D shape, angles)	Cooking & Nutrition: Adapting a Recipe (link to Vikings)	Textiles: Fastenings (book sleeve for a diary linked to Ali Pasha)
			Electrical Systems: Torches (link to WW1)
Year 5	Electrical Systems: Electric Greeting Cards (Christmas or Diwali)	Structures: Pavilions (link either as Bug Hotel with Science or Theatre Design with Shakespeare)	Cooking & Nutrition: What Could be Healthier? (switch to Greek food)
	Textiles: Stuffed Toys (polar creatures)	Mechanisms: Pop-up Books (link to Shakespeare)	
Year 6	Structures: Bridges – from Y5 (link to work on rivers)	Textiles: Waistcoats (WW2)	Cooking & Nutrition: Come Dine with Me
	Electrical Systems: Steady Hand Games (Christmas Fair?)		Mechanisms: Automata Toys (Frida Khalo?)