



DT Long Term Plan

Horizontal Links = Red
Vertical Links = Blue

	Aut 1 (1)	Aut 2 (2)	Spr 1 (3)	Spr 2 (4)	Sum 1 (5)	Sum 2 (6)
Topics	It's good to be me!		Once upon a time...		It's a wonderful world!	
Reception	Physical Development: Learning how to use tools safely – scissors/threading/spray bottles/paintbrushes/construction kits/clay/play dough tools Expressive arts and design: Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture and function. Share their experiences with a process they have used					
Topics	Long, Long, Ago		Paddington meets the King		Rumble in the jungle	
Year 1	Mechanisms - Wheels and axels: Make a car to transport around the local area. Eng – 1.1 DT 1.1, 2.3, 3/4.2, 3/4.3, 5/6.6		Structures- Make a 3D London Monument Geography 1.4 Art - 1.4 DT 1.3, 3/4.6, 5/6.4		Food- Prepare fruit and vegetables for a picnic in the Jungle. Science 1.5 DT 1.5, 2.1, 3/4.4, 5/6.6	
Topics	All around the world.		Fire and Ice		Natural Life	
Year 2	Food: Preparing Fruit Fruit jelly/fruit smoothies. Eng – 2.1 Science – 2.5 Geography – 2.2 DT 1.5, 2.1, 3/4.4, 5/6.6		Mechanisms - Sliders and levers – side to side and, up and down. DT 1.1, 2.3, 3/4.2, 3/4.3, 5/6.6			Textiles – puppet making. Eng – 2.6 DT 2.6, 3/4.4, 5/6.4
Topics	UK & Stone Age		Saxons & Vikings		Rivers & York	
Year 3/4 Cycle A			Mechanisms - Levers and linkages: English linked pop-up book Eng – 3/4. DT 1.1, 2.3, 3/4.2, 3/4.3, 5/6.6	Textiles: 2D Shape to 3D Product Viking purse/enterprise History – 3/4.4 (cycle A) DT 2.6, 3/4.4, 5/6.4		Electrical Systems: Simple Circuits and switches Reading light Science 3/4.5 DT 3/4.6, 5/6.2
Topics	Egyptians		Volcanoes, Earthquakes and Italy		Romans	
Year 3/4 Cycle B		Mechanical systems - Pneumatics: Moving sarcophagus lid Science – 3/4.4		Food: Healthy and Varied Diet: Science – 3/4.2 and 4 DT 1.5, 2.1, 3/4.4, 5/6.6		Shell structures: York Packaging for Yorvik centre Geography -3/4.6 DT 1.3, 3/4.6, 5/6.4



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		History – 3/4.2 (cycle B) DT 1.1, 2.3, 3/4.2, 3/4.3, 5/6.6				
Topics	Benin		The Americas		Noble Northamptonshire	
Year 5/6 Cycle A		Electrical Systems: Monitoring and Control Alarm – linked to science unit of electricity. Science – 5/6.2		Textiles: Combining Different Fabrics – enterprise project. DT 2.6, 3/4.4, 5/6.4		Food: Celebrating culture and seasonality Local food – creating own ‘Clangers’ Science – 5/6.6 History – 5/6.5 (cycle A) DT 1.5, 2.1, 3/4.4, 5/6.6
Topics	Ancient Greece		Las Montañas		Crime and Punishment	
Year 5/6 Cycle B		Cams: Creating toys/items with cam and follower movement (utilised by Ancient Greeks) Maths – 5/6.4 Science – 5/6.3		Frame Structures: Making shelters/bird hides. Science – 5/6.4 Forest school – 5/6 DT 1.3, 3/4.6, 5/6.4		Mechanical systems - Pulleys or Gears: controllable toy vehicle Archimedes screw and Archimedes claw History – 5/6.1 (cycle B) History – ‘Toys’ Yr1.3 DT 1.1, 2.3, 3/4.2, 3/4.3, 5/6.6