


Foston CE, Terrington CE VA & Stillington Primary Schools in Collaboration with Langton Primary School Subject Long-Term Plan

Subject: Design and Technology				Golden Threads & Key Concepts: Textiles Structures Mechanisms and Mechanical Systems Food Electrical Systems			Langton Primary School Values: Excellence, Respect, Nurture, Collaboration, Creativity and Resilience		Curriculum Enhancers: Sustainability Creativity Diversity Community	
Progression	EYFS A	EYFS B	KS1 A	KS1 B	KS2 A	KS2B	KS2 C	KS2 D		
Autumn 1				Mechanisms: Sliders and Leavers <i>(How have peoples lives changed)</i>		Mechanical Systems: Cams <i>(What is it like in space?)</i>		Mechanical Systems: Pulley's and Gears <i>(Our Marvelous Earth)</i>		
Autumn 2	Textiles: Diwali: Clay Diva Lamps <i>(Celebrations)</i>		Structures: Free Standing Structures <i>(London's Burning)</i>		Food: Healthy and Varied Diet <i>(Why does the UK have wild weather)</i>		Structures: Y3/Y4: Shell Structures Y5/Y6: Frame Structures (Shell structures using Computer Aided Design to include 1 lesson) <i>(What are the world's natural resources?)</i>			

Spring 1	Structures: Building Habitats – Igloos <i>(Habitats)</i>		Textiles: Templates and Joining (Habitats in our World)	DT DAY Electrical Systems: Y3/4: Simple Programming and control (Y5/6: Monitoring and Control <i>(What is globalisation?)</i>)	Mechanical Systems: Levers and Linkages <i>(What was life like in Ancient Egypt?)</i>		Mechanical Systems: Pneumatics <i>(What was it like in Ancient Greece?)</i>
Spring 2	Food: Healthy Eating <i>(Growing)</i>	Food: Preparing Fruit and Veg <i>(What is Special about our local area?)</i>		Structures: Y3/Y4: Shell Structures Y5/Y6: Frame Structures (Shell structures using Computer Aided Design to include 1 lesson)		Food: Celebrating culture and seasonality <i>(Who were the Vikings and Anglo Saxons?)</i>	
Summer 1	Electrical Systems: Taking photographs - portraits <i>(People Who Help Us)</i>		Mechanisms: Wheels and Axles <i>(People Who Help Us)</i>	Textiles: Y3/Y4: 2D and 3D shapes Y5/Y6 Combining different fabrics (using Computer Aided Design) <i>(What was life like before roman Britain?)</i>			
Summer 2	Textiles: Basic Stitches <i>(Under the Sea)</i>				Electrical Systems: Simple Circuits and Switches <i>(World War 1 Conflict)</i>	Textiles: Y3/Y4: 2D and 3D shapes Y5/Y6 Combining different fabrics (using Computer Aided Design) <i>(How does migration</i>	Electrical Systems: More Complex Switches and Circuits <i>(What are the countries of Europe?)</i>

						<i>affect people and places?)</i>	
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