



Foston CE, Terrington CE VA & Stillington Primary Schools in Collaboration with Langton Primary School

Golden Threads

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	
Golden Thread & Key Concept 	EYFS	Key Stage 1	KS2 Cycle A/C	KS2 Cycle B/D
Textiles	- Diwali: Clay Diva Lamps <i>(Celebrations)</i> -Basic Stiches <i>(Under the Sea)</i> - Hanukkah: Clay Menorah <i>(Celebrations)</i> Diversity	- Templates and Joining <i>(Habitats in our World)</i> Diversity	- Y3/Y4: 2D and 3D shapes (using Computer Aided Design) <i>(What was life like before Roman Britain?)</i> - Y5/Y6: Combining different fabrics (using Computer Aided Design) <i>(How does migration affect people and places?)</i> Community	
Structures	-Building Habitats – Igloos <i>(Habitats)</i> Diversity	- Free Standing Structures <i>(London’s Burning)</i> Creativity	- Y3/Y4: Shell Structures (Shell structures using Computer Aided Design- to be included in 1 lesson)	

	<ul style="list-style-type: none"> - Building Habitats – Woodlands <i>(Habitats)</i> <u>Sustainability</u> 		<ul style="list-style-type: none"> - Y5/Y6: Frame Structures (Shell structures using Computer Aided Design- to be included in 1 lesson) <i>(What are the world's natural resources?)</i> <u>Sustainability</u> 	
Mechanisms and Mechanical Systems		<ul style="list-style-type: none"> - Sliders and Leavers <i>(How have peoples lives changed)</i> - Wheels and Axles <i>(People Who Help Us)</i> <u>Community</u> 		<ul style="list-style-type: none"> - Pneumatics <i>(What was it like in Ancient Greece?)</i> - Cams <i>(What is it like in space?)</i> <u>Diversity</u> - Levers and Linkages <i>(What was life like in Ancient Egypt?)</i> - Pulley's and Gears <i>(Our Marvelous Earth)</i> <u>Diversity</u>
Food	<ul style="list-style-type: none"> - Healthy Eating <i>(Growing)</i> <u>Creativity</u> 	<ul style="list-style-type: none"> - Preparing Fruit and Veg <i>(What is Special about our local area?)</i> <u>Creativity</u> 	<ul style="list-style-type: none"> -Healthy and Varied Diet <i>(Why does the UK have wild weather)</i> -Celebrating culture and seasonality <i>(Who were the Vikings and Anglo Saxons?)</i> <u>Community</u> 	
Electrical Systems	<ul style="list-style-type: none"> - Taking photographs - portraits <i>(People Who Help Us)</i> <u>Community</u> 		<ul style="list-style-type: none"> - Y3/4: Simple Programming and control Y5/6: Monitoring and Control <i>(What is globalisation?)</i> 	<ul style="list-style-type: none"> - Simple Circuits and Switches <i>(World War 1 Conflict)</i> More Complex Switches and Circuits

			<u>Community</u>	<i>(What are the countries of Europe?)</i> <u>Creativity</u>
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