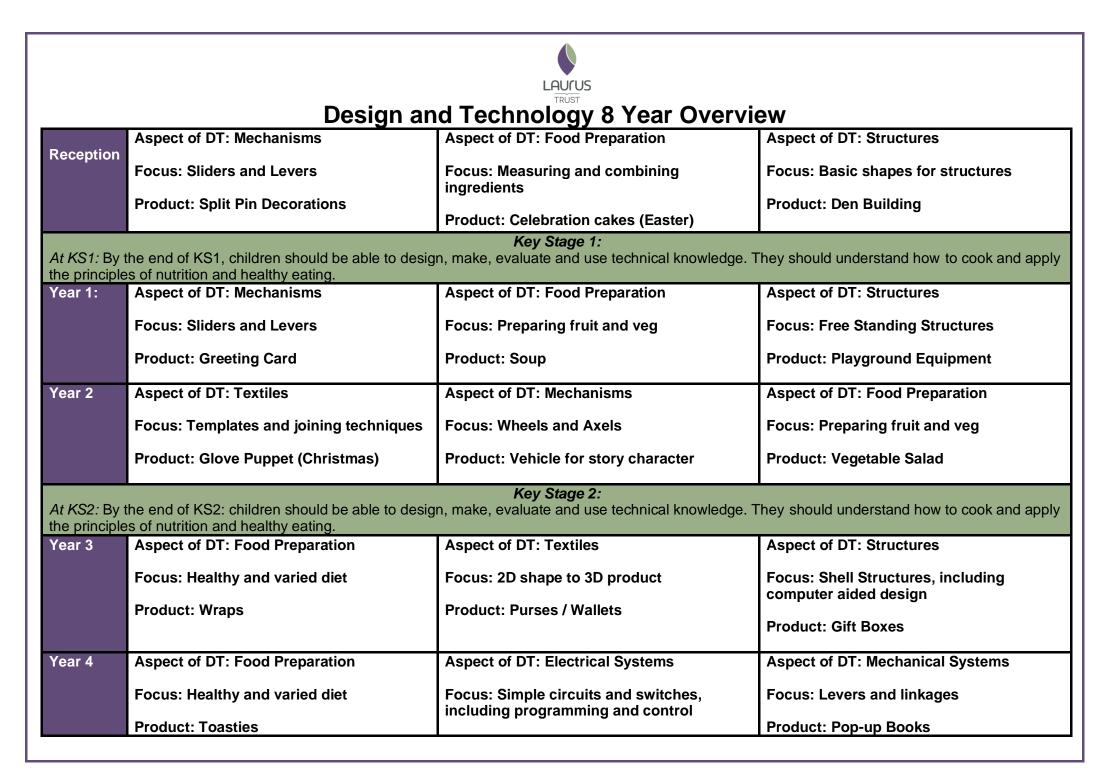
Design and Technology 8 Year Overview

Intent: To use creativity and imagination to design and make products that solve real and relevant problems in a variety of contexts

Disciplinary skills	Principles of DT (substantive knowledge)					
l problem solve l work as a team	User	Purpose	Functionality	Design Decisions	Innovation	Authenticity
I consider my designs I have awareness of the consumer I make decisions I negotiate I am organised I am motivated	Who the products are for.	What tasks the products will perform.	How the products will work.	The opportunities children have to make choices.	The scope children have to be original with their thinking.	How believable/ real the products will be to the children.
I evaluate my products I ask questions I use technical vocabulary I communicate effectively I show leadership and perseverance						

	Autumn	Spring	Summer					
EAD: Exploring Media and Materials; PD: Physical Development EYFS: By the end of EYFS children should be able to explore different materials, develop their ideas about how to use them and what to make. Children should make healthy choices about food and drink.								
Pre- school	Use of Construction Area, Malleable Area, Creative Area.	Use of Construction Area, Malleable Area, Creative Area.	Use of Construction Area, Malleable Area, Creative Area.					
	Aspect of DT: Food Preparation	Aspect of DT: Textiles	Aspect of DT: Structures					
	Focus: Measuring and combining ingredientsFocus: Simple Joining Techniques – glu tape, folds	Focus: Simple Joining Techniques – glue, tape, folds	Focus: Investigation of Basic Structures					
	Product: Chocolate Apples (Bonfire night) Biscuits (Christmas)	Product: TBC	Product: Cocoon (Hungry Caterpillar)					





Design and Technology 8 Year Overview

		Product: Torches	
Year 5	Aspect of DT: Structures	Aspect of DT: Food Preparation	Aspect of DT: Electrical Systems
	Focus: Frame Structures	Focus: Celebrating culture and seasonality	Focus: More Complex Switches
	Product: Bird Hides	Product: Bread	Product: Electrical Board Game
Year 6	Aspect of DT: Textiles	Aspect of DT: Mechanical Systems	Aspect of DT: Food Preparation
	Focus: Combining different fabric shapes, including computer-aided design	Focus: Pulleys or gears Product: Controllable toy vehicle	Focus: Celebrating culture and seasonality
	Product: Phone/Tablet Case		Product: Savoury Scones