

HTPD DT Curriculum Overview

Textiles	Structures	Mechanisms/Mechanical Systems	Electrical Systems	Food Tech	Additional Projects
Year Group	Autumn	Spring	Summer		
R	We encourage the design, make and evaluate process in Early Years. <i>Various small projects throughout the year with much of it in the continuous provision, for example:</i> Junk modelling – Rockets and models Mixed construction days – Lego, Duplo, blocks to build together Cooking – making sandwiches, baking bread, exploring different foods according to the children’s interests Salt dough – making fossils Playdoh – creating animals				
1	Moving Toy Car Mechanisms - Wheels and Axles Junk Model Rocket	Sock Puppets Textiles - Templates and Joining Building Houses and Chairs Structures - Freestanding Structures	Healthy Snack Food Tech - Preparing Fruit and Vegetables Binca Bookmark Textiles		
2	Wind Powered Invention Tudor Houses Paper Aeroplane	Felt Toy Dinosaur Textiles - Templates and Joining Sliders and Levers Project Sliders and Levers	Bug Hotel Freestanding Structures Food Tech Coming soon		
3	Linkage Mechanism Jumping Jack Mechanisms - Levers and Linkages Felt Animal Puppets Textiles - 2-D shape to 3-D shape Biscuit Making and Packaging Food Tech - Healthy and Varied Diet	Yogurt Cake Lever and Linkage Mechanism Card Mechanisms - Levers and Linkages	Wartime Recipes WWII Bunting Design Textiles - 2-D shape to 3-D shape Granger Danger Switches Electrical systems - Simple Circuits and Switches		
4	Roman Bullas Textiles - 2-D to 3-D shape	Moving Parts Mini Beasts Mechanical Systems - Pneumatics	Shell Structures/CAD Structures - Coming soon Food Tech Healthy and Varied Diet (Coming soon)		
5	Tudor Houses Structures - Frame Structures	Food Tech Culture and Seasonality (Coming soon)	Moving Parts Toy Mechanical Systems - Cams		
6	Clothing for the Antarctic Textiles - CAD	Electrical Systems More complex switches and Circuits/ Monitoring and Control (coming soon)	Victorian Apprenticeships A celebration of DT knowledge and skills		