

D.T Long term plans – Year 3 & 4 – Cycle 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3 & 4 (3)		<p><u>Textiles</u> Cross stitch and applique</p> <ul style="list-style-type: none"> * Know how to sew cross stitch and applique. * Know how to design a product and its template. * Know how to decorate fabric using cross stitch and applique. * Know how to assemble and complete a cushion. 		<p><u>Structures</u> Constructing a castle</p> <ul style="list-style-type: none"> * Know that 2D and 3D shapes are combined to form a strong and stable structure. * Know how to design a castle. * Know how to construct 3D nets. * Know how to construct and evaluate my final product. 		<p><u>Cooking and Nutrition</u> Adapting a Recipe</p> <ul style="list-style-type: none"> * Know how to evaluate an existing product. * Know how to prepare and cook a dish * Know how to select ingredients and follow a budget. * Know how to take inspiration from existing products. * Know how to make and test a prototype. • Know how to evaluate a final product.

DT Long Term Plans – Year 5 & 5 – Cycle 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5 & 6 (5)		<p><u>Digital World</u> Navigating the World</p> <ul style="list-style-type: none"> * Know how to write a design brief and criteria based on client requests. * Know how to write a programme to include multiple functions as part of a navigation device. * Know how to develop a sustainable product concept. * Know 3D CAD skills to produce a digital model. * Know how to create and present a 'pitch' to sell the product to a specified client. 		<p><u>Mechanical Systems</u> Making a pop-up book</p> <ul style="list-style-type: none"> * Know how to design a pop-up book. * Know how to follow a design brief to make my pop-up book. * Know how to use layers and spacers to cover the working mechanisms. * Know how to create a high-quality product suitable for a target user. 		<p><u>Textiles</u> Stuffed Toy</p> <ul style="list-style-type: none"> * Know how to design a stuffed toy * Know how to sew a blanket stitch * Know how to create and add decorations to fabric * Know how to use a blanket stitch to assemble the components of a stuffed toy.