

What are the aims and intentions of this curriculum?

To explore the range of material areas within the Design Technology Curriculum with a focus on practical skill development.

Term	Topics	Knowledge covered	Skills developed	Assessment
Autumn 1	Food Preparation and Nutrition Nutrition Healthy eating Practical Activities linked to topics Health & Safety Food Hygiene	Food Safety and Hygiene Micro-organisms in food production Food spoilage and Bacteria Buying and Storing food Preservation of food Traditional Cuisines	General practical skills including: weighing, measuring, preparing ingredients and equipment, correct cooking times, testing for readiness and sensory testing.	
Autumn 2	Food Preparation and Nutrition Nutrition Healthy eating Practical Activities linked to topics	Food Safety and Hygiene Micro-organisms in food production Food spoilage and Bacteria Buying and Storing food Preservation of food Traditional Cuisines	General practical skills including: weighing, measuring, preparing ingredients and equipment, correct cooking times, testing for readiness and sensory testing.	End of Unit Test
Spring 1	DT Textiles	Fabric type and source Sewing techniques	Practical sewing and designing skills Develop a pattern to create a unique product	
Spring 2	DT Textiles	Fabric Type and source Sewing Techniques	Practical sewing and designing skills Creating a sock monkey	End of Unit Test
Summer 1	DT - Product Design - designing and making an acrylic keyring - 12-14 lessons	Health & Safety within the workshop Understanding polymers - thermoforming, thermosetting polymers. Intro to smart materials. Using tools and equipment safely, accurately and to a high standard. Understanding adhesives and finishing methods.	Practical skills - marking out, setting up practical workspace, using tools and equipment accurately. Creating and finishing products to a high standard. Drawing skills - developing sketch skills and isometric. Analysis and evaluation of own product.	
Summer 2	DT- Product Design	Continued.		End of Unit Test