

Sandbach School Design and Technology Curriculum:

Year 9 D&T, Food, Art Curriculum

Introduce:

Intent: Pupils develop creativity, imagination and practical skills and embed skills learnt in Year 7 and 8. Through developing practical experiences in Specialist Rooms, projects draw on and develop a range of different disciplines including Mathematics, Science, Engineering and CAD.

Curriculum Enrichment
AQA Design and Technology

<u>D&T Term Project</u>	<u>D&T Term Project</u>	<u>Food Term Project</u>	<u>Food Term Project</u>	<u>Art Term Project</u>	<u>Art Term Project</u>
<u>Plane Project – Woods, Tools and Equipment</u>	<u>Plane Project – Woods, Tools and Equipment</u>	Multicultural Food Project – preparing, cooking and serving 10 dishes	Multicultural Food Project – preparing, cooking and serving 10 dishes		
<p>Why These modules? Introduction to and embedding of practical work. Opportunity for pupils to realise a practical outcome which demonstrates their creative ability. All pupils experience life in the Workshop and are introduced to basic machinery, tools and equipment.</p>		<p>Why These modules? As part of their work with food, pupils will be taught how to cook and apply the principles of nutrition and healthy eating. Instilling a love of cooking in pupils also opens a door to one of the great expressions of human creativity. Learning how to cook is a crucial life skill that enables pupils to feed themselves and others affordably and well, now, and in later life.</p>		<p>Why These modules? Building on the Formal Elements explored in Y7 and Y8; this portraiture project introduces students to developing personal outcomes. Students explore their identity through art-based mind maps, photography and illustration. Students develop a personal outcome exploring portraiture, paint and mixed media. This promotes independent thought and enquiry.</p>	
<p>National Curriculum Links Pupils will: Design - identify and solve their own design problems and understand how to reformulate problems given to them Design - develop and communicate design ideas using annotated sketches, detailed plans, 3-D and mathematical modelling, oral and digital presentations and computer-based tools Make - select from and use specialist tools, techniques, processes, equipment and machinery precisely, including computer-aided manufacture - select from and use a wider, more complex range of materials, taking into account their properties Evaluate - test, evaluate and refine their ideas and products against a specification, taking into account the views of intended users and other interested groups</p>		<p>National Curriculum Links Pupils will: Understand and apply the principles of nutrition and health. Cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet. Become competent in a range of cooking techniques [for example, selecting and preparing ingredients; using utensils and electrical equipment; applying heat in different ways; using awareness of taste, texture and smell to decide how to season dishes and combine ingredients; adapting and using their own recipes]. Understand the source, seasonality and characteristics of a broad range of ingredients.</p>		<p>National Curriculum Links Pupils will: Use a range of techniques and media, including painting increase their proficiency in the handling of different materials. -Learn about the history of art, craft, design and architecture, including periods, styles and major movements from ancient times up to the present day. -Analyse and evaluate their own work, and that of others, in order to strengthen the visual impact or applications of their work.</p>	
<p>Teaching These Topics Here Supports: Basic practical skills Creativity skills NEA Development in Yr 10/11 Subject Knowledge and embedding understanding from KS3 Science, Maths, English</p>		<p>Teaching These Topics Here Supports: Basic practical skills. Hygiene, health and safety. Creativity skills. Confidence in the kitchen. Food science, nutrition, health. Literacy and numeracy.</p>		<p>Teaching These Topics Here Supports: Knowledge of artists – illustrator Jon Burgerman, Op Art (Bridget Riley) Understanding of typography, illustration, composition in photography, colour theory Skills in typography, design and illustrative drawing, composition, painting, presentation</p>	
<p>These Topics Feed From: KS3 Design and Technology</p>		<p>These Topics Feed From: KS3 Cooking and Nutrition.</p>		<p>These Topics Feed From: Y7 HT2 Colour theory Y8 HT2 Pattern Y8 HT6 Observational drawing, painting skills</p>	