

TECHNOLOGY



ALDER
Community High School

YEAR 8 –

THIS IS TAUGHT AS A CAROUSEL AND STUDENTS WILL STUDY DESIGN, FOOD AND TEXTILES TECHNOLOGY FOR A TERM EACH

DESIGN 1	Design Ideas	
	<ul style="list-style-type: none">• To know that a design brief informs design ideas & developments• To know what typography is• To know what graphics are• To know what colour theory is• To know how to work safely within a workshop to prevent hazards and injury• To know how to use tools and equipment safely and independently• To know how to follow the design process and present high quality design ideas• To know how to develop design ideas	Key Vocabulary Specification Rendering Isometric Sustainability
DESIGN 2	Drawer detectives	
	<ul style="list-style-type: none">• To know that specific tools have specific uses• To know that health & safety rules should be followed• To know what steps should be followed to create an end product• To know how to behave in a workshop and identify hazards• To know how to follow step by step instructions accurately and independently• To know how to use electronics within a product	Key Vocabulary Specification Rendering Isometric Sustainability



FOOD 1	Commodities	
	<ul style="list-style-type: none">• To know where food comes from• To know what food provenance is• To know different sources of food• To know the difference between organic, free range and intensive farming• To know what food miles are• To know what seasonality is• To know what food processing is• To know why we process foods• To know how sources of food impact the environment• To know how foods are processed, including advantages and disadvantages	Key Vocabulary Food miles Pesticides Seasonal Organic Intensive Environment Economy Provenance Sustainable
FOOD 2	Food choices	
	<ul style="list-style-type: none">• To know what factors can affect our food choices• To know why different factors such as religion, income, culture, and ethics affect our food choices• To know how extrinsic factors affect the food choices we make	Key Vocabulary Bacteria Pathogen



TEXTILES 1	Repeat patterns	
	<ul style="list-style-type: none">• To know what a motif is• To know various types of repeat patterns• To know different printing techniques• To know why we should prevent hazards from happening• To know why we must correctly use different pieces of equipment• To know how repeat patterns are used within the textile industry both interior and fashion• To know how to create repeat patterns through the process of lino printing• To know how to work safely within a textile room to prevent hazards	Key Vocabulary Motif Repeat Pattern Lino printing Machine Embroidery

TEXTILES 2	Tie dying	
	<ul style="list-style-type: none">• To know the process of tie-dyeing• To know the process of machine embroidery• To know how to use the process of tie-dye inform a final design• To know how to use machine embroidery in the design process• To know how fashion/interior companies display their products digitally	Key Vocabulary Tie dye Evaluation Analysis