

TECHNOLOGY



ALDER
Community High School

YEAR 7 –

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

DESIGN 1	Workshop safety & Design Ideas	
	<ul style="list-style-type: none">• To know Health & Safety rules and workshop expectations• To know what a design brief is• To know that a design brief informs design ideas & developments• To know what isometric drawing is• To know how to work safely within a workshop to prevent hazards and injury• To know how to follow the design process and present high quality design ideas• To know how to develop design ideas• To know how to create an isometric drawing accurately	Key Vocabulary Specification Rendering Isometric Sustainability
DESIGN 2	Ball Bearing Game Practical	
	<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 a Ball Bearing Game• To know how to use tools and equipment safely and independently• To know how to behave in a workshop and identify hazards• To know how to follow step by step instructions accurately and independently	Key Vocabulary Specification Rendering Isometric Sustainability



FOOD 1	Food safety	
	<ul style="list-style-type: none">• To know what food safety is• To know ways to identify hazards in the food room• To know why we should prevent hazards from happening• To know why we must correctly use different pieces of equipment• To know ways to prevent cross contamination• To know how to work safely and hygienically within a food room to prevent hazards and cross contamination	Key Vocabulary Pathogens Cross contamination Bacteria Hygiene Hazard Danger zone Control Personal Kitchen Identify
FOOD 2	Food hygiene	
	<ul style="list-style-type: none">• To know what food hygiene is• To know what personal hygiene is• To know what kitchen hygiene is• To know why we must correctly store food• To know what causes food poisoning• To know the conditions bacteria need to be able to multiply• To know how food hygiene plays a crucial role within Food Technology	Key Vocabulary Bacteria Pathogen



TEXTILES 1	Functions of materials within textiles	
	<ul style="list-style-type: none">• To know what natural and synthetic fabrics are• To know the sources and structures of fibres• To know what hand embroidery is• To know ways to identify hazards in the textiles room• To know why we must correctly use different pieces of equipment• To know how to identify different fabrics by their properties• To know how to create a variety of hand stitches• To know how to work safely within a textiles room to prevent hazards	Key Vocabulary Fibres Fabric

TEXTILES 2	Hand embroidery	
	<ul style="list-style-type: none">• To know what hand embroidery is• To know what applique is• To know what a final design plan is• To know how to create a variety of hand stitches• To know how to apply knowledge of hand embroidery into a final design• To know how to create applique	Key Vocabulary Hand Embroidery Applique