



Subject:	Product Design
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Head of Department:	Mr Young
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Year:	Eight
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Curriculum organisation
Students are taught in mixed form groups of 18-22 students for two lesson per week. Pupils work on a carousel system and rotate between Food, Product Design and Textiles

How will your daughter be learning?	
<p>Design and Technology Theory and Skills</p> <ul style="list-style-type: none"> • Research methods – analyse existing products, suitable fabrics, theory related to synthetic and natural fibres • Graphical and communication skills – development of design ideas, presentation, mood boards • Specifications for design and manufacture – considering user needs and suitable materials • Applied mathematical skills – pattern drafting, calculating fabric required <p>Pyjamas</p> <ul style="list-style-type: none"> • Generation of design ideas – Creative methods of designing ideas, ideas to utilise the laser cutter • Drafting a pattern to use to cut fabrics • Using specialist equipment to cut and manufacture personal pyjamas • Preparation for GCSE – high standard of manufacturing skills 	<ul style="list-style-type: none"> • Whole class discussion • Pair work • Problem-solving tasks • Practical based activities in a workshop environment • Using Computer Aided Design (2D Design) • Extended writing tasks and projects • Possibility to produce a laser cut pocket

Equipment needed for lessons	What can you do to support your daughter?
<ul style="list-style-type: none"> • Standard school stationery • Coloured pencils • Black fine liner pen • Calculator • A3 Folder purchased through school £1.50 • Fabric, thread and elastic 	<ul style="list-style-type: none"> • Talk to her about the projects in Design and Technology • Discuss how products work and think about how they can be improved • Visit design related exhibitions at local galleries and museums • Provide her with constructive advice regarding how she could improve her written and design work. • Look at similar products and how they are constructed and labelled

How will learning be assessed and progress measured?	Extension & Enrichment opportunities
<ul style="list-style-type: none"> • Baseline assessment in Autumn half-term 1 • Students will peer-mark some exercises • Practical outcomes that have been manufactured in school • Key tasks will be graded using the WKGS Grading Criteria 	<ul style="list-style-type: none"> • Lunch time Design and Technology Seasonal Club • Weekend enrichment opportunities offered through WKGS Gifted and Talented • The department offers taster sessions for parents. Dates and details are published in the parents weekly newsletter

If you have any questions about this Learning Overview, please contact the named Head of Department above.