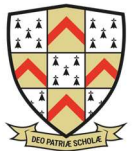


Design Technology: Product Design



KING EDWARD VI
SCHOOL LICHFIELD

Key Stage 5 – A Level - AQA

Technical Principles	Design and Making Principles
<ul style="list-style-type: none">• Materials and their applications• Classification of materials• Methods for investigating and testing materials• Performance characteristics of materials• Enhancement of materials• Forming, redistribution and addition processes• The use of finishes• Modern industrial and commercial practice• Digital design and manufacture• The requirements for product design and development• Health and safety• Design for manufacturing, maintenance, repair and disposal• Feasibility studies• Enterprise and marketing in the development of products• Design communication	<ul style="list-style-type: none">• Design methods and processes• Design theory• How technology and cultural changes can impact on the work of designers• Design processes• Critical analysis and evaluation• Selecting appropriate tools, equipment and processes• Accuracy in design and manufacture• Responsible design• Design for manufacture and project management• National and international standards in product design