

KS4 GCSE DESIGN TECHNOLOGY
DTVA

YEAR GROUP	TERM 1 PROJECT OUTLINE	TERM 2 PROJECT OUTLINE	TERM 3 PROJECT OUTLINE
10	<ul style="list-style-type: none"> • Automata project • Isometric drawing skills • Theory for examination 	<ul style="list-style-type: none"> • Card modelling • Styrofoam modelling • Theory for examination 	<ul style="list-style-type: none"> • Plastics project – phone holder • Coursework begins in June of year 10
KEY SKILLS	<i>Use of workshop tools and health and safety, confidence with hand tools, development of drawing techniques, 3D modelling. Theory knowledge</i>		
11	<ul style="list-style-type: none"> • COURSEWORK • Theory for examination 	<ul style="list-style-type: none"> • COURSEWORK • Theory for examination 	<ul style="list-style-type: none"> • Focused revision for examination
KEY SKILLS	<i>Development of drawing techniques, CAD/CAM, development of workshop techniques, understanding of a variety of woodworking joints and finishes. Focus on coursework and examination technique</i>		

KS4 CAMBRIDGE NATIONAL ENGINEERING DESIGN
DTVA

YEAR GROUP	TERM 1 PROJECT OUTLINE	TERM 2 PROJECT OUTLINE	TERM 3 PROJECT OUTLINE
10	<ul style="list-style-type: none"> • R106 – Disassembly project • Students complete their first unit of coursework on disassembly of a lamp. This includes a portfolio of work and practical evidence of the disassembly • DUE: end of January of year 10 	<ul style="list-style-type: none"> • R107 • Students complete their second unit of coursework. This involves generating their own lamp ideas using hand drawn techniques, CAD and modelling. • DUE: 3 weeks prior to the summer break in year 10. 	<ul style="list-style-type: none"> • R105 – EXAM THEORY • Complete any missing elements of R106 and R107 • R105, R106 and R107 submitted to examination board in January of year 10 (75% of overall grade)
KEY SKILLS	<i>Use of workshop tools and health and safety, confidence with hand tools, development of drawing techniques, 3D modelling. Theory knowledge</i>		

<p>11</p>	<ul style="list-style-type: none"> • R105 – EXAM THEORY 	<ul style="list-style-type: none"> • R108 • Students complete their final unit of coursework. This involves making the idea that they have designed in the previous unit • DUE: April of year 11 	
<p>KEY SKILLS</p>	<p><i>Development of drawing techniques, CAD/CAM, development of workshop techniques, understanding of a variety of woodworking joints and finishes. Focus on coursework and examination technique</i></p>		

Contact: g.kidd@heanorgate.derbyshire.sch.uk Miss Kidd- Head of Design Technology