



**Key Stage 4 DT
Curriculum Map**

Yr 10: Mock NEA	Yr 10: Lamp/E Textiles Focussed Practical Task	Year 10-11: NEA (40 hours) From 1 June	Yr 11: Exam Preparation
<p>Year 10: This component offers the opportunity for learners to demonstrate understanding of and skills in iterative designing, in particular: the interrelated nature of the processes used to identify needs and requirements (explore) creating solutions to meet those needs (create) evaluating whether the needs have been met (evaluate). As an outcome of their challenge, learners will produce a chronological portfolio and one final prototype(s). It is through the iterative processes of designing that learners draw on their wider knowledge and understanding of Design and Technology principles.</p>	<p>Year 10:</p> <ul style="list-style-type: none"> Existing Products Teamwork Aesthetics Function Materials Target Market E Textiles LED 	<p>Year 10/11: This component offers the opportunity for learners to demonstrate understanding of and skills in iterative designing, in particular: the interrelated nature of the processes used to identify needs and requirements (explore) creating solutions to meet those needs (create) evaluating whether the needs have been met (evaluate). As an outcome of their challenge, learners will produce a chronological portfolio and one final prototype(s). It is through the iterative processes of designing that learners draw on their wider knowledge and understanding of Design and Technology principles. Contextual challenges will be released on 1 June each year</p>	<p>Year 11: This component brings together the learners 'core' and 'in-depth' knowledge and understanding. 'Core' knowledge of Design and Technology principles demonstrates learners' broad understanding of principles that all learners should have across the subject. In-depth' knowledge allows learners to focus more directly on at least one main material category (timber, metal or plastic). The question paper is split into two sections. A minimum of 15% of the paper will assess learners' mathematical skills as applied within a design and technology context.</p>
<p><u>Assessment for Learning:</u> <u>Within NEA guidelines</u></p> <ul style="list-style-type: none"> Evaluation and Peer Assessment Self-Assessment Formative Feedback 	<p><u>Assessment for Learning:</u></p> <ul style="list-style-type: none"> Quality of Practical work Self-Assessment End of unit test 	<p><u>Assessment for Learning:</u> <u>Within NEA Guidelines</u></p> <ul style="list-style-type: none"> Evaluation and Peer Assessment Self-Assessment Formative Feedback 	<p><u>Assessment for Learning:</u></p> <ul style="list-style-type: none"> Evaluation and Peer Assessment Self-Assessment of exam questions Formal assessment of past exam papers
<p>Homework: As set by teacher/work on NEA</p>	<p>Homework: As set by teacher</p>	<p>Homework: As set by teacher/work on NEA</p>	<p>Homework: As set by teacher</p>