

KS4 YEARS 10 & 11 DESIGN AND TECHNOLOGY 2021/2022

YEAR	TERM 1 (Autumn)	TERM 2 (Spring)	TERM 3 (Summer)
YEAR 10	<p>THEORY:</p> <ul style="list-style-type: none"> • New and emerging technologies • Energy materials, systems and devices <p>PRACTICAL: <i>Workshop skills: cad/cam, modelling, sketching</i></p>	<p>THEORY: Materials and their working properties</p> <p>PRACTICAL: <i>Design and make tasks: Context and user focused</i></p>	<p>THEORY: Common specialist technical principals</p> <p>PRACTICAL: Identifying and investigating design possibilities</p>
YEAR 11	<p>THEORY: Designing principals</p> <p>PRACTICAL:</p> <ul style="list-style-type: none"> • Identifying and investigating design possibilities • Producing a design brief and specification • Generating design ideas 	<p>THEORY: Making principals</p> <p>PRACTICAL:</p> <ul style="list-style-type: none"> • Developing design ideas • Realising design ideas • Analysing and evaluating 	<p>REVISION:</p> <p>EXAM PRACTICE:</p>