

CURRICULUM MAP Year 11 will complete their 'Non Examined Assessment' – A piece of course work that is worth 50% of their final qualification. Students will also gain knowledge of the 'Specialist Technical Principles' within Design and Technology. Students will also acquire revision and exam techniques in preparation of their final exam.



							EOY Assessment Point
							HT6:
							Overarching unit intent:
							HT5
							Overarching unit intent:
							HT4:
							Assessment Point: Summative or AFL
							HT3 and HT4 (with elements of HT1 and HT2) NEA End of unit assessments Practice Paper Key disciplinary knowledge
							HT3:
							Overarching unit intent:
							HT2:
							Assessment Point: Summative or AFL
							HT1:
							Overarching unit intent:
<p>Overarching unit intent:</p> <ul style="list-style-type: none"> • Designing and making principles (NEA): Investigation, primary and secondary data, Environmental, social and economic challenge, The work of others. • Specialist technical principles: Selection of materials or components, Forces and stresses. <p>Careers The work of others-research and investigation into a range of designers with different design specialisms.</p> <p>Catholic Social Teaching Dignity Solidarity</p>	<p>Overarching unit intent:</p> <ul style="list-style-type: none"> • Designing and making principles (NEA): Design strategies, Communication of design ideas, Prototype development. • Specialist technical principles: Ecological and social footprint, Sources and origins of materials. <p>Careers Research into the different careers within the environmental field.</p> <p>Catholic Social Teaching The Common Good Option for the Poor Peace Creation and Environment The Dignity of Work and Participation</p>	<p>HT1 & HT2 NEA End of unit assessments Practice Paper Key disciplinary knowledge</p> <p>Core technical principles Designing and making principles Specialist technical principles</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Core technical principles (Year 10): New and emerging technologies, Energy generation and storage, Developments in new materials, Systems approach to designing, Mechanical devices, Materials and their working properties. <ul style="list-style-type: none"> • Specialist technical principles: Selection of materials or components, Forces and stresses, Ecological and social footprint, Sources and origins of 	<p>Overarching unit intent:</p> <ul style="list-style-type: none"> • Designing and making principles (NEA): Prototype development, Selection of materials and components, Tolerances, Material management, Specialist tools and equipment, Specialist techniques and processes. • Specialist technical principles: Using and working with materials, Stock forms, types and sizes, Scales of production. <p>Careers The work of others-research and investigation into a range of design companies.</p> <p>Catholic Social Teaching Dignity Solidarity The Common Good</p>	<p>Overarching unit intent:</p> <ul style="list-style-type: none"> • Designing and making principles (NEA): Selection of materials and components, Tolerances, Material management, Specialist tools and equipment, Specialist techniques and processes. • Specialist technical principles: Specialist techniques and processes, Surface treatments and finishes. <p>Careers Video on quality control and product testing.</p> <p>Catholic Social Teaching Dignity Solidarity The Common Good Option for the Poor Peace Creation and Environment</p>	<p>HT3 and HT4 (with elements of HT1 and HT2) NEA End of unit assessments Practice Paper Key disciplinary knowledge</p> <p>Core technical principles Designing and making principles Specialist technical principles</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Core technical principles (Year 10): New and emerging technologies, Energy generation and storage, Developments in new materials, Systems approach to designing, Mechanical devices, Materials and their working properties. • Specialist technical principles: Selection of materials or components, Forces and stresses, Ecological and social footprint, Sources and origins of materials, Using and working with materials, Stock forms, types and 	<p>Overarching unit intent:</p> <ul style="list-style-type: none"> • Core technical principles (Year 10): New and emerging technologies, Energy generation and storage, Developments in new materials, Systems approach to designing, Mechanical devices, Materials and their working properties. • Designing and making principles (NEA): Investigation, primary and secondary data, Environmental, social and economic challenge, The work of others, Design strategies, Communication of design ideas, Prototype development, Selection of materials and components, Tolerances, Material management, Specialist tools and equipment, Specialist techniques and processes. • Specialist technical principles: Selection of materials or components, Forces and stresses, Ecological 	<p>HT1 – HT6</p> <p>Key Disciplinary Knowledge</p> <p>Key Concepts</p>



<p>The Common Good Option for the Poor Peace Creation and Environment The Dignity of Work and Participation</p>		<p>materials, Using and working with materials, Stock forms, types and sizes, Scales of production, Specialist techniques and processes, Surface treatments and finishes, Materials (Relevant to NEA task being completed) Designing and making principles are delivered through the NEA task Students must demonstrate skills in applying the knowledge of the designing and making principles to the six assessment areas;</p> <ul style="list-style-type: none"> • Researching and investigating (A) • Writing a design brief (B) • Generating ideas (C) • Developing ideas (D) • Realizing an idea (E) • Reflecting and evaluating (F) 	<p>Option for the Poor Peace Creation and Environment The Dignity of Work and Participation</p>	<p>The Dignity of Work and Participation</p>	<p>sizes, Scales of production, Specialist techniques and processes, Surface treatments and finishes, Materials (Relevant to NEA task being completed) Designing and making principles are delivered through the NEA task Students must demonstrate skills in applying the knowledge of the designing and making principles to the six assessment areas;</p> <ul style="list-style-type: none"> • Researching and investigating (A) • Writing a design brief (B) • Generating ideas (C) • Developing ideas (D) • Realizing an idea (E) • Reflecting and evaluating (F) 	<p>and social footprint, Sources and origins of materials, Using and working with materials, Stock forms, types and sizes, Scales of production, Specialist techniques and processes, Surface treatments and finishes.</p> <p>Careers Discussion on where the careers paths that their chosen further education might lead them to.</p> <p>Catholic Social Teaching Dignity Solidarity The Common Good Option for the Poor Peace Creation and Environment The Dignity of Work and Participation</p>		
---	--	---	---	--	---	---	--	--