

AQA GCSE Design and Technology

Year 10				Year 11		
	Autumn Term	Spring Term	Summer Term	Autumn Term	Spring Term	Summer Term
Content	<p>Lego</p> <ul style="list-style-type: none"> • 2D and 3D drawing • Scale • CAD • 3D Printing <p>Packaging</p> <ul style="list-style-type: none"> • Papers and Boards • Product Analysis <p>Pizza Cutter</p> <ul style="list-style-type: none"> • Ergonomics • Iterative Design <p>Timber</p> <ul style="list-style-type: none"> • Properties • Categories <p>Textiles</p> <ul style="list-style-type: none"> • Properties • Categories • Patterns • Making a pouch 	<p>Polymers</p> <ul style="list-style-type: none"> • Properties • Categories • Bioplastic • Production <p>Lighting</p> <ul style="list-style-type: none"> • Levers • Gears • Mechanical Advantage • Input –Process-Output • Iterative Design <p>Metals</p> <ul style="list-style-type: none"> • Properties • Categories 	<p>Energy</p> <p>Review of Materials and Properties</p> <ul style="list-style-type: none"> • Paper and Board • Timbers • Polymers • Metals • Textiles <p>Start NEA</p> <ul style="list-style-type: none"> • Exploring Briefs • Client • Product Analysis 	<p>NEA</p> <ul style="list-style-type: none"> • Exploring Ideas • Modelling • Iterative Design • CAD • Exploring Materials • Developing an Ideas 	<p>NEA</p> <ul style="list-style-type: none"> • Planning • Creating working drawings • Manufacturing specification • Making a prototype • Evaluating 	<p>Revision for exam</p>
Assessment	<p>Homework: Edulink</p> <p>Tests: Vocabulary and terminology</p> <p>Design projects will be graded and feedback given</p>	<p>Homework: Edulink</p> <p>Tests: Vocabulary and terminology</p> <p>Design projects will be graded and feedback given</p>	<p>June 1st: Brief for NEA will be released by AQA</p> <p>Y10 Mock exam</p>	<p>NEA (40 hours 50% of grade)</p>	<p>NEA (40 hours 50% of grade)</p>	<p>External Exam 50% of grade</p>

A copy of the specification can be found at: <https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552>