

# 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"> <li>• 2D and 3D drawing</li> <li>• Scale</li> <li>• CAD</li> <li>• 3D Printing</li> </ul> <p>Packaging</p> <ul style="list-style-type: none"> <li>• Papers and Boards</li> <li>• Product Analysis</li> </ul> <p>Pizza Cutter</p> <ul style="list-style-type: none"> <li>• Ergonomics</li> <li>• Iterative Design</li> </ul> <p>Timber</p> <ul style="list-style-type: none"> <li>• Properties</li> <li>• Categories</li> </ul> <p>Textiles</p> <ul style="list-style-type: none"> <li>• Properties</li> <li>• Categories</li> <li>• Patterns</li> <li>• Making a pouch</li> </ul>	<p>Polymers</p> <ul style="list-style-type: none"> <li>• Properties</li> <li>• Categories</li> <li>• Bioplastic</li> <li>• Production</li> </ul> <p>Lighting</p> <ul style="list-style-type: none"> <li>• Levers</li> <li>• Gears</li> <li>• Mechanical Advantage</li> <li>• Input –Process-Output</li> <li>• Iterative Design</li> </ul> <p>Metals</p> <ul style="list-style-type: none"> <li>• Properties</li> <li>• Categories</li> </ul>	<p>Energy</p> <p>Review of Materials and Properties</p> <ul style="list-style-type: none"> <li>• Paper and Board</li> <li>• Timbers</li> <li>• Polymers</li> <li>• Metals</li> <li>• Textiles</li> </ul> <p>Start NEA</p> <ul style="list-style-type: none"> <li>• Exploring Briefs</li> <li>• Client</li> <li>• Product Analysis</li> </ul>	<p>NEA</p> <ul style="list-style-type: none"> <li>• Exploring Ideas</li> <li>• Modelling</li> <li>• Iterative Design</li> <li>• CAD</li> <li>• Exploring Materials</li> <li>• Developing an Ideas</li> </ul>	<p>NEA</p> <ul style="list-style-type: none"> <li>• Planning</li> <li>• Creating working drawings</li> <li>• Manufacturing specification</li> <li>• Making a prototype</li> <li>• Evaluating</li> </ul>	<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 1<sup>st</sup>: 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>