



SUBJECT	Design Technology	YEAR	7
<p>Why do we study Innovations - Design Technology?</p> <p>The curriculum in this subject provides students with the knowledge to think creatively in order to solve problems to meet the needs of society and the wider world.</p>			
<p>Laser cutting – Graphical communication - Jewellery</p>			
<p>What Design Technology have you done at primary school?</p>	<p>Investigation</p> <ul style="list-style-type: none"> • Ferrous – Non-ferrous • Brass, Copper -material properties. • Soft Soldering process • Tinsnips – Junior Hacksaw • Laser cutting, Techsoft 2d design • Packaging symbols • Drawing techniques - Rendering, Shade, Tone, Isometric, Perspective • Complete a design specification <p>Create</p> <ul style="list-style-type: none"> • User centred design. Ideas and development linked to research. • Thumbnail sketching – mood boards to aid creativity • Computer Aided Design • Laser cut product with card-based euro slot packaging • Hand skills – wasting, shaping, and finishing metals using hand tools and machines • Soft soldering process to join metals <p>Evaluate</p> <ul style="list-style-type: none"> • Self and peer assessment • Review progress and boost work • Compare designs, evaluate final design 	<p>Step by step instruction guide to read with images</p> <p>https://www.instructables.com/Brass-and-Copper-Soldering/</p> <p>KS3 Design & Technology Study Guide</p> <p>https://www.technologystudent.com/</p> <p>Tools and equipment information to read</p> <p>KS3 Design & Technology Study Guide</p> <p>https://www.technologystudent.com/</p> <p>Drawing information to read</p> <p>KS3 Design & Technology Study Guide</p> <p>https://www.instructables.com/Laser-Cutting/</p> <p>Article with images</p>	