

KS3 COURSE OPTIONS

Course Title	Resistant materials
Course Description	<p>Students will:</p> <p>Produce a range of simple designs for a plastic keyring. Use wire to impress a design into a plastic keyring, and plastic memory to produce a plastic keyring.</p> <p>Follow instructions to produce an aluminium keyring, choosing from a number of decorative techniques to finish their aluminium keyring.</p>
Course Content (Term 1,2,3 etc.)	<p>Students will learn what the main properties of acrylic and aluminium are and how that makes them suitable materials for a keyring.</p> <p>They will learn where plastics and metals come from and how this affects the environment.</p> <p>Students will learn that thermoplastics can be reheated and reshaped, and that they have plastic memory.</p> <p>Students will develop the ability to use a wide range of hand tools and machines used when working with plastic and metal, and to understand the health and safety rules when completing practical.</p> <p>Students will develop the ability to assess quality of finish on metal and plastic products</p>
Provision For Most Able	<p>Most able students can design and produce keyrings with more complex decoration that requires the application of a greater range of techniques.</p>
Assessment	<p>The students design work will be assessed 3 times during the module:</p> <ul style="list-style-type: none"> After completing the research for the project After completing the designs for the plastic keyring After completing the designs for the aluminium keyring <p>A Final design and make grade is assessed by pupil and teacher at the end of the module.</p>