

Yr10 Weeks 16 - 21

16	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Design Ideas</p>	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Sketching</p>	<p>Theory phase. Pupils will be investigating properties of materials and their correct selection when designing products.</p>
17	<p>Pupils will be investing materials through a practical design and make process. Metals project. Focus - Modelling</p>	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Measuring and marking</p>	<p>Theory phase. Pupils will be investigating how to modify material properties for a specific purpose</p>
18	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Health and safety</p>	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Basic tools for cutting</p>	<p>Theory phase. Pupils will be investigating how to use commercially available types and sizes of material</p>
19	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Basic tools for Abrading</p>	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Machines for sanding</p>	<p>Theory phase. Pupils will be investigating the importance of quality control when producing products for manufacture</p>

20	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Abrasive papers and different grit sizes</p>	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Applying an undercoat for a finish</p>	<p>Theory phase. Pupils will be investigating the preparation and application of surface treatments and finishes</p>
21	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Using transparent finishes such as waxes and varnish</p>	<p>Practical phase. Pupils will be investing materials through a practical design and make process. Metals project. Focus - Using opaque finishes such as brush paint and spray cans</p>	<p>Theory phase. Pupils will be investigating the importance of testing and evaluating products with particular reference to the original design specification</p>