

Year 7

9 week Create rotation- Man V Machine	9 week Create rotation- Brilliant Birmingham	9 week Create rotation- Man V Machine	9 week Create rotation- Brilliant Birmingham
<p>Key knowledge:</p> <ul style="list-style-type: none"> To know the difference between hand tools and machine tools (advantages and disadvantages) - link to Industrial practices. Looking at semi and fully automated production lines. To know how to design a product with a specific target audience in mind. Looking at the users' needs. To know the importance of and how to work safely in this subject area. Safety of the student when working, safety of others around them and safety of the product. To be introduced to CAD and CAM. To learn the basic tools and skills on 2d Design (CAD software). 		<p>Key knowledge:</p> <ul style="list-style-type: none"> Pupils will know the principles of healthy eating and how to feed themselves and others affordably and nutritiously. Pupils will understand factors which influence food choice and how particular groups can be catered for. Pupils will learn practical cooking skills and be able to prepare a range of dishes successfully, safely and hygienically. 	
<p>Pupils will be able to: Have knowledge about CAD/CAM and use the skills they have learned to create a pop-up book.</p>	<p>Key Vocabulary: aesthetics, cost, customer, environment, ergonomics, size, safety, function, materials, manufacture, design brief, specification, design ideas, CAD/CAM linear, reciprocating, oscillating, rotating pulley, cam, gears, levers</p>	<p>Pupils will be able to: Have knowledge about Health and Safety in the kitchen and use the skills they have learned to create food dishes.</p>	<p>Key Vocabulary: hazard, hygiene, health and safety, ingredients, hand hot, hob, accurate, sensory of testing, unit of measurement, fortification, fusion</p>
<p>Assessment: Mid-term test and final project test at the end of the 9 weeks.</p>		<p>Assessment: Mid-term test and final project test at the end of the 9 weeks.</p>	
<p>Enrichment Opportunities: Mechanical Art and Design Museum and Butterfly Farm in Stratford Upon Avon</p>		<p>Enrichment Opportunities: Introduction to Chef's Club</p>	