

Year 7 - Design & Technology Curriculum Plan

Topics covered	Assessments
<p>SAFETY PROJECT</p> <ul style="list-style-type: none"> ▶ Progress and develop through the transition from KS2 to KS3 Design and Technology. ▶ Be able to demonstrate the use of a range of hand tools and machinery. ▶ Use a range of strategies to explore and experiment with design ideas before making judgements. ▶ Evaluate their design ideas and products by comparing them against the original design criteria and suggest improvements. <p>GRAPHICS</p> <ul style="list-style-type: none"> ▶ Apply presentation graphics. ▶ Employ organisational graphics. ▶ Develop the capacity to build images in the mind's eye. <p>MECHANISMS</p> <ul style="list-style-type: none"> ▶ Define simple forces. ▶ Recognise different mechanisms and understand the use of cams. ▶ Apply organisation charts in planning work/processes. ▶ Evaluate and peer evaluate ideas/work/progress and adapt where and when necessary. 	<p>Each project is assessed according to National Curriculum guidelines for Key Stage 3 and our faculty marking policy.</p> <p>National Curriculum targets are negotiated and written in the pupil planner. Pupils then assess their own work at the end of each project and set small goals which will help them reach their end of year target.</p> <p>The main emphasis is on practical skills that are marked according to:</p> <ul style="list-style-type: none"> - Preparation before the lesson (homework) - Safe and correct use of equipment - Designing to meet a demand/brief - Working health and safety - Final outcome with formative feedback
<p>Home enrichment opportunities</p> <p>www.technologystudent.com – Great for homework, coursework and revision.</p> <p>Google SketchUp – Free download of excellent CAD software, brilliant practice for future work.</p> <p>Design Museum London – (Near London Bridge) Shad Thames, London, SE1 2YD</p> <p>100% Design – Exhibition 22-25th September – Earls Court, London</p> <p>The London Design Festival – 17-25th September – Several locations in London so check out the website.</p> <p>University Exhibitions – Whether thinking about Design Degrees or not, it is worth seeing the design work exhibited by design students at the end of their courses (usually May-June). For example 'Goldsmiths' & 'Kingston' both part of the 'University of London', Loughborough, Nottingham and many more.</p>	