



Key

	Consolidation task (mandatory)		Extended task (opt in)
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Year	Autumn	Spring	Summer
7	<ul style="list-style-type: none"> Extended curriculum task to create a fact file all about ferrous, non-ferrous and alloy metals. 	<ul style="list-style-type: none"> Extended curriculum tasks to design investigate textiles and fashion design. 	<ul style="list-style-type: none"> Extended curriculum task to design and make a healthy culinary dish for a school dinner. KS3 DT Club - Table Tennis Bat
8	<ul style="list-style-type: none"> Extended curriculum tasks to create a fact file all about hardwoods, softwoods and manmade boards. 	<ul style="list-style-type: none"> Extended curriculum tasks to investigate electronics and circuits. 	<ul style="list-style-type: none"> Extended curriculum task to design a new pop up 'street food' vendor for KPS. KS3 DT Club - Introduction to GCSE.
9	<ul style="list-style-type: none"> Design Ventura Seneca Theory and Exam Question Practice on timber and polymer material properties. Design Tasks related to the Box Project. 	<ul style="list-style-type: none"> Design Ventura Seneca Theory and Exam Question Practice on metals and textiles material properties. Design Tasks focusing on the Box Project. 	<ul style="list-style-type: none"> Seneca Theory and Exam Question Practice on papers and board material properties, ecological and social footprint. Design Tasks focusing on Architecture. Architecture company Trip.
10	<ul style="list-style-type: none"> Design Ventura DT KS4 Club Seneca Theory and Exam Question Practice on mechanisms, forces & stresses and timbers processes. Design Tasks focusing on Biomimicry Design Projects. 	<ul style="list-style-type: none"> Design Ventura DT KS4 Club Educational Visit (Copenhagen) Seneca Theory and Exam Question Practice on 6Rs, enhancing materials, scales of production, energy, systems and devices. Design Tasks focusing on Mock NEA - Educational Toys. 	<ul style="list-style-type: none"> DT KS4 Club Seneca Theory and Exam Question Practice on investigation and research, the work of others, design strategies and design communication. Design Tasks focusing on GCSE NEA.

<p>11</p>	<ul style="list-style-type: none"> ● Revision Sessions ● NEA support sessions ● Seneca Theory and Exam Question Practice on common specialist technical principles and new and emerging technologies. ● Design Tasks focusing on GCSE NEA. 	<ul style="list-style-type: none"> ● Revision Sessions ● NEA support sessions ● Extra-curricular Opportunity (Copenhagen) ● Seneca Theory and Exam Question Practice on designing and making principles. ● Design Tasks focusing on GCSE NEA. 	<ul style="list-style-type: none"> ● Revision Sessions ● NEA support sessions ● Seneca Theory and Exam Question Practice on core technical principles, specialist technical principles, timber based materials and designing and making principles.
<p>12</p>	<ul style="list-style-type: none"> ● Theory recap and exam question practice on the material properties, classification, manufacturing processes, performance characteristics and use of finishes for timbers, metals, polymers and papers and boards. ● Design Tasks focusing on timber joints, aluminium animals and product branding and packaging. ● Novocastrian design company visit 	<ul style="list-style-type: none"> ● Theory recap and exam question practice on composites, smart materials, modern materials, modern industrial and commercial practice, digital design and manufacture, product design and development, design for manufacturing, maintenance, repair and disposal. ● Design Tasks focusing on Mock NEA - Speaker Project. ● Educational Visit (Copenhagen) ● Ovington Boat Factory Visit 	<ul style="list-style-type: none"> ● Theory recap and exam question practice on design communication, design methods and processes, design influences, designers and their work, socio economic influences, major developments in technology, social, moral and ethical issues, and product life cycle. ● Design Tasks focusing on A Level NEA.
<p>13</p>	<ul style="list-style-type: none"> ● Theory recap and exam question practice on health and safety, feasibility studies, enterprise and marketing. ● Design Tasks focusing on A Level NEA. ● Novocastrian design company visit ● Revision Sessions ● NEA support sessions 	<ul style="list-style-type: none"> ● Theory recap and exam question practice on technical principles and designing and making principles. ● Design Tasks focusing on A Level NEA. ● Revision Sessions ● NEA support sessions ● Educational Visit (Copenhagen) 	<ul style="list-style-type: none"> ● Theory recap and exam question practice on technical principles and designing and making principles. ● Revision Sessions ● NEA support sessions