

Year 7: During primary school, students receive a variety of different experiences of DT therefore students will be introduced to the subject by learning about the design process and key vocabulary. This will be drip fed throughout the rotation in Product Design. Learning will be monitored and assessed at different points throughout the rotation.

Year 7 – DT Rotation			
What are we learning?	What knowledge, understanding and skills will we gain?	What does mastery look like?	What additional resources are available?
Students are introduced to the design process and learn to investigate, plan, design, manufacture and evaluate. Students learn drawing and making techniques to create 3D shapes. To enhance their learning homework is set on understanding different papers and the usage of them.	<p>Knowledge</p> <ul style="list-style-type: none"> • Understanding of the design process stages (investigate, plan, design, make and evaluate) • Understanding of different papers. • Key vocabulary <p>Understanding</p> <ul style="list-style-type: none"> • Embracing of challenge whilst considering the needs, wants and values of others. • Consideration of environmental impact. • Finishing techniques. <p>Skills</p> <ul style="list-style-type: none"> • Forming variety of 3D geometrical shapes. • Understanding of nests to form physical 3D geometrical objects. 	<p>Students develop an understanding of aesthetics and its role in the design of everyday items as well as functionality in design and consideration of the environmental impact. Students develop a range of practical skills. Students develop communication skills through designing and group work. Students use of subject specific terminology and use of full sentences, both oral and written, to justify their answers. Students investigate, experiment and explore with some confidence and refinement. Meaningful work is produced showing consideration and analysis of the work of others using a basic visual language of design.</p>	<ul style="list-style-type: none"> • Differentiated resources to support all students • Extension tasks • Stretch & Challenge tasks • Resources will be used specifically by Year 7 students and no other year groups. • Students are encouraged to attend wood club to enhance their skills and knowledge once this can be offered.

	<ul style="list-style-type: none">• Drawing skills to create 3 dimensional shapes.		
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