

<b>Year 8</b>	<b>Woodwork</b>	<b>Sweet Dispenser (DT)</b>
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<b>I can:</b>	<b>R</b>	<b>A</b>	<b>G</b>
Recognise sources of materials, understand sustainability, and make informed choices, e.g. where materials come from, raw state to manageable forms (wood, plastic, glass).			
Know the 6 R's of sustainability and how these impact choices as designers & manufacturers; re-use, recycle, rethink, reduce, repair and refuse.			
Know the four types of motion; rotary, linear, reciprocating and oscillating.			
Understand the importance of grain orientation & adhesives with regard to structural integrity and durability.			
Show refined marking out skills with millimetres, using a ruler and try square.			
Confidently and independently use hand & power tools in a safe and precise manner to produce successful outcomes.			
Identify five different drill bits and understand why we use them (twist bit, spade bit, Forstner bit, auger but, hole saw).			
Use templates to improve the accuracy of work and understand that templates reduce time in mass production.			
Confidently apply a quality finish to work / final product outcomes, e.g. varnish or wax.			
Know the essential components of packaging (nets, tabs and inserts), and incorporate these into their own designs.			
Understand the importance of marketing and promotion by creating a personalised sweet company logo to accompany the sweet dispenser.			
Devise tests to analyse and evaluate the finished product against set criteria, as well as peer evaluating other completed outcomes.			

<b>Key Vocabulary for this project</b>
Sustainable, reduce, reuse, recycle, rethink, repair, refuse, thermoplastic, thermosetting plastic, softwood, orientation, tenon saw, file, abrasive, pillar drill, drill bit, forstner bit, template, PPE, adhesive.

Assessment Result	Mark:	%
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Year 8 Design Technology: Personalised Learning Checklist (PLC)

Assessment Result	Mark:	%
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