



		Autumn/Spring or Spring/Summer (due to Yr7 rotation)
Year 7	Topic Big question / Overview	<p>Introduction to Health & Safety How to work safely within the Design Technology workshop</p> <p>Phase one:</p> <ul style="list-style-type: none"> - Researching materials (hardwoods and softwoods) and tools used throughout the project. - Explore, compare, and contrast different sweet dispenser designs. - Perform simple lifecycle analysis of products. <p>Phase two: Following a simple in-house design students...</p> <ul style="list-style-type: none"> - Measure and mark out materials, then cut them to size. - Use machinery to shape dispenser parts before assembling them into a working product. <p>Phase three:</p> <ul style="list-style-type: none"> - Using drawing techniques, design a unique surface decoration for the project. - Transfer the design to the sweet dispenser.
	Disciplinary knowledge/skills	<p>Research skills. Understanding the need to look at other products when designing something. Understanding the need to consider the environment and sustainability. Gaining health and safety knowledge for working in the workshop. Refining gross and fine motor skills. Time management. Orthographic Projection – Learning about how to create simple design plans using orthographic drawing. Isometric Projection – Learning how to use isometric paper to draw a variety of shapes in isometric projection.</p>
	New vocabulary	<p>Hazard Design Brief Analysis Life Cycle / Circular Economy Sustainability Aesthetics Ergonomics</p>
	Links to ...	