



		Autumn/Spring or Spring/Summer (due to Yr8 rotation)
Year 8	Topic Big question / Overview	Introduction to Health & Safety How to work safely within the Design Technology workshop Phase one: <ul style="list-style-type: none"> - Researching materials and tools used throughout the project. - Explore, compare, and contrast different bird feeder designs. - Researching how to treat metals and woods for outdoor or indoor use. Phase two: Following a simple in-house design students... <ul style="list-style-type: none"> - Measure and mark out materials, then cut them to size. - Use new tools and machinery to shape the parts before assembling them into a working product. Phase three: <ul style="list-style-type: none"> - Using drawing techniques, design a unique surface decoration for the project. - Transfer the design to the bird feeder.
	Disciplinary knowledge/skills	Research skills. Comparing and discussing other products 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.
	New vocabulary	Hazard Design Brief Analysis Life Cycle / Circular Economy Sustainability Aesthetics Ergonomics Form over Function
	Links to ...	