

## DT KS3 - Subject sequencing overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 7</b>	<b>Introduction to the workshop Wooden Plaque project</b>	<b>Clock Project</b>	<b>Puzzle Project</b>	<b>Box Project</b>	<b>Ball Maze Project</b>	<b>Pull Back Car project</b>
	Learners are introduced to health and safety in the workshop, learning risks of the environment and tools and materials	Students will Design and create their own functional clock cutting MDF in irregular shapes	Students will Design and create their own puzzle cutting MDF in irregular shapes to develop their skills and accuracy further	Students will learn about a wooden 'Butt Joint' and how to create their own for their wooden box project	Students will look at target audience and design a simple handheld game	Students will look into simple mechanism to create their own pull back car using elastic potential energy
<b>Year 8</b>	<b>Photo Frame Project</b>	<b>Intro to electronics</b>	<b>Steady Hand Game Project</b>	<b>Pinball Machine Project</b>	<b>Magnetic Travel Game</b>	<b>Modelling Project</b>
	Students will use Carpentry skills learnt in previous year to recap their skills and knowledge to create their own standing or hanging photo frame	Students will have an introduction to simple electronics where they will explore new tools equipment and processes to create a simple light circuit board	Students will combine carpentry and electronic skills to create their own 'Steady Hand Game'. Learning and developing skills to create a finger joint box to house the game.	Students will use prior sustainability knowledge to create a 'Pin Ball' sweet machine using timber waste materials.	Students will look at target audience and design a magnetic travel game. That is sustainable designed using recycled DVD cases	Students will use a range of materials including CAM to create their own model.
<b>Year 9</b>	<b>Intro to Tiling</b>	<b>Intro to Skirting</b>	<b>Intro to Plumbing</b>	<b>Intro to Bricklaying</b>	<b>Independent Project</b>	
	Students will learn the basic tools and processes needed to produce a quality tiled board.	Students will learn the basic tools and processes needed to fix skirting boards. Students will also be introduced to a Mitre joint	Students will learn the basic tools and processes needed to cut, fix and attach a simple plumbing line	Students will learn the basic tools and processes used in bricklaying. Students will learn how to mix their own mortar and build a small wall.	Students will use skills and knowledge learnt over KS3 to create their own wooden project	