

Progression of Key Knowledge – Design Technology

	EYFS	KS1 Year 1 and 2	LKS2 Year 3 and 4	UKS2 Year 5 and 6
Modelling leading to woodwork	Tools need to be used safely (Tools to be used: scissors, staplers, hole punches, hammers)	- Saws are used for cutting. - An axle secures the wheel so it can turn. - When designing, you need to meet the requirements of the build - coat	Joins provide strength or movement.	- Sometimes specialist protective wear needs to be used. - Size and accuracy is a key factor when cutting.
Sewing and Textiles	- A needle needs to be pushed in and pulled out to make a stitch. - Stuffing makes a soft toy.	A running stitch is when you sew in a line.	- Applique is when you sew an item onto fabric. - How to thread a needle.	- How to sew a cross with stitches. - How to move fabric through a sewing machine.
Construction using toys	Some toys can be used for building.	Lego can move if you use the correct pieces – hinges, turn tables, wheels etc	- Lego can move using a motor. - Lego instructions are important if you want your Lego to work properly.	
Cooking and Nutrition	- You can make biscuits and cake by mixing food items. - Ice can melt and it turns into water. - Some foods are healthy, some are not so healthy.	- A small knife needs to be used safely – flat for spreading and held by the handle for cutting. - Some ingredients cannot be mixed by using a spoon. - Sometimes you need to grease a tray, especially when baking. - Fruit and vegetables are healthy.	- You can design a pizza to match tastes. - You can peel, slice or grate fruits and vegetables.	- Bread rolls are made by mixing ingredients and kneading the dough. - Cutting with a knife requires the bridge hold. - To make a trifle you need lots of time for colling, heating and setting.