



		Those below expectations		Those above expectations
Y1/2	Structures		• Know the appropriate vocabulary from the knowledge organiser • Saw pieces of wood to equal lengths • Join using eg PVA • Evaluate the functionality/effectiveness of the product	
	Mechanisms Levers		• Know the appropriate vocabulary from the knowledge organiser • Create a product with a sliding part moving up and down or left and right • Evaluate the functionality/effectiveness of the product	
	Mechanisms Wheels and axles		• Know the appropriate vocabulary from the knowledge organiser • Use an axle to make something roll • Evaluate the functionality/effectiveness of the product	
	Mechanisms pneumatics		• Know the appropriate vocabulary from the knowledge organiser • Understand that air can be used to make movement • Evaluate the functionality/effectiveness of the product	
	Cooking		• Know the appropriate vocabulary from the knowledge organiser • To safely use appropriate utensils to e.g. peel, cut, slice, grate, squeeze, spread • Evaluate the effectiveness of the product	
	Textiles		• Know the appropriate vocabulary from the knowledge organiser • To use a simple running stitch to create a product eg. Book mark, puppet • Evaluate the effectiveness of the product	



		Those below expectations		Those above expectations
Y3/4	Structures		• Know the appropriate vocabulary from the knowledge organiser • Saw pieces of wood at 45degree angles • Join using glue gun • Understand how to strengthen their product • Evaluate the functionality/effectiveness of the product • (EBI in wheels ro revisit)	
	Mechanisms Levers and linkages		• Know the appropriate vocabulary from the knowledge organiser • Create a structure with fixed and loose pivot to create a moving part • Evaluate the functionality/effectiveness of the product	
	Mechanisms cams		• Know the appropriate vocabulary from the knowledge organiser • Understand that cams can be used to produce different output movements • Evaluate the functionality/effectiveness of the product	
	cooking		• Know the appropriate vocabulary from the knowledge organiser • To safely use appropriate utensils to e.g. weigh, mix, measure, rub in/combine • Evaluate the effectiveness of the product	
	Textiles		• Know the appropriate vocabulary from the knowledge organiser • Select a suitable stitch to meet the needs of the product • Evaluate the effectiveness of the product	
	Electrical systems		• Know the appropriate vocabulary from the knowledge organiser • To apply knowledge of a circuit to a suitable product. • Evaluate the functionality/effectiveness of the product	



		Those below exp		Those above expectations
Y5/6	Structures		• Know the appropriate vocabulary from the knowledge organiser • Produce a 3D structure using 45degree angles • Evaluate the functionality/effectiveness of the product	
	Mechanisms Pulleys and gears		• Know the appropriate vocabulary from the knowledge organiser • Understand that a pulley reduces the amount of force necessary to lift an item. • Understand that gears speed up or slow down rotary movement • Evaluate the functionality/effectiveness of the product	
	Mechanisms Free choice		• Know the appropriate vocabulary from the knowledge organisers • To utilise at least 3 mechanisms within a structure of choice eg car structure with axles, and lights • Evaluate the effectiveness of the product	
	cooking		• Know the appropriate vocabulary from the knowledge organiser • Independently follow a recipe and cook using ovens • Ensure that they can make flavour choices (either ingredients or seasoning) • Evaluate the effectiveness of the product	
	Textiles		• Know the appropriate vocabulary from the knowledge organiser • Understand and use a seam allowance • Apply fastenings • Evaluate the effectiveness of the product	