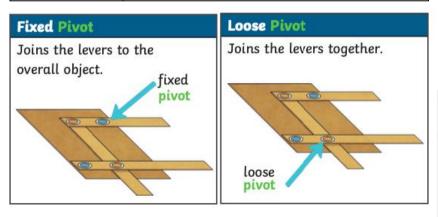
DT - Linkages & Levers (Y3&4)

Key Vocabulary					
Mechanism	A mechanism contains components which				
	are connected together to make movement.				
Motion	The movement of a part within a designed				
	object.				
Pivot	A central point (or pin) which can make a				
	mechanism turn.				
Lever	A rigid bar (or strip of card) which rests on a				
	pivot. It can move in a curved and straight				
	line.				
Linkage	A mechanism made by connecting together				
	levers around a pivot to produce the type of				
	movement required.				
Input	The movement of the main lever by the				
	user.				
Output	The movement that is create as a result of				
	the input				
Design Brief	A set of instructions that outlines what				
	needs to be designed and made.				



The Design Process					
Design	Generating	Prototype	Make the	Evaluation	
Criteria	Ideas		Product		
Tells you	Exploring	The first	Using annotated	Checking that	
what a	different	example of	sketches and	the product	
product must	products and	what the real	prototypes to	meets the	
do to be	how they could	product will	help create your	design criteria	
successful.	be adapted.	look like. It is	product.	and has	
	Creating an	used for testing,		achieved its	
	annotated	development,		purpose	
	sketch of your	and evaluation.			
	idea.				

