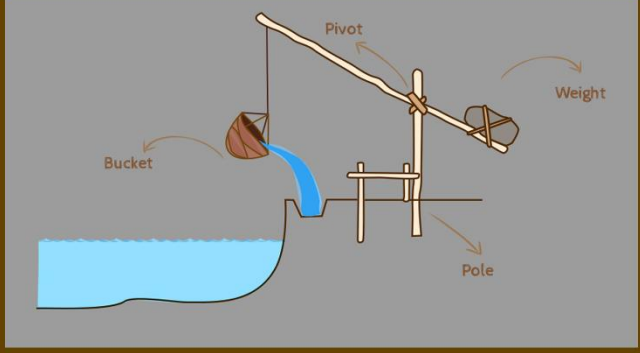
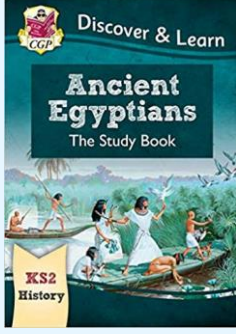


Year 3: DT – Mechanical Devices (Ancient Egypt – Shaduf)

Subject Specific Vocabulary		Memorable Image	Exciting Books
shaduf	a long pole with a bucket attached to the end, which people could use to raise and move water from rivers or lakes onto land		
irrigation	the supplying of water to land by man-made means.		
machine	a device with a system of parts that work together to perform a task.		
hand-operated	operated or controlled by hand, rather than automatically or electronically.	<input type="checkbox"/> I can explore different ways of joining wood	Useful Websites
crops	plants grown on a farm.	<input type="checkbox"/> I understand what a shaduf is and how it was used to move water to irrigate crops along the side of the Nile. (function)	
lever	a basic tool used to lift or pry things open	<input type="checkbox"/> I can design a shaduf thinking about techniques learnt earlier to move water	https://www.bbc.co.uk/teach/class-clips-video/history-ks2-the-river-nile/zkvmjsg
pivot	a rod or pin upon which another part rotates, swings, or moves back and forth.		https://primaryfacts.com/3336/shaduf-facts-and-information/
River Nile	the longest river in the world. It flows through north-eastern Africa for about 6,650 kilometres. The great civilization of ancient Egypt developed on its banks.	<input type="checkbox"/> I can make a simple shaduf selecting tools and equipment suitable for the task	Misconceptions and Facts
		<input type="checkbox"/> I can evaluate the design and identify areas of strength and weakness	