

Year Group:	Two	Term:	Spring 2	Theme	Moving Mechanisms – Junk Modelling		
Prior Learning			Disciplinary Knowledge				
In prior teaching, children have learned: ▶ Technology has been designed for purpose. ▶ A mechanism is a system of parts working together. ▶ A sliding mechanism makes something move from left to right. ▶ A design is a plan of what something will look like.			<u>Design</u> ▶ Propose more than one idea for their product. ▶ Use drawings to record ideas as they progress. ▶ Add notes to drawings. <u>Make</u> ▶ Discuss their work as it progresses. ▶ Select and name the tools needed to work the materials. ▶ Explain which materials they are using and why. <u>Evaluate</u> ▶ Decide how existing products do / do not achieve their purpose. ▶ Discuss how closely their finished product meets their own design criteria.				
Substantive Knowledge				Vocabulary			
▶ Know some ways of making structures stronger. ▶ Show how to stiffen some materials. ▶ Know how to make a simple structure more stable. ▶ Attach wheels to a chassis using an axle.				lever (Y1)	mechanism (Y1)	structure	
				stiffen	axle	design (Y1)	
				evaluate (Y1)	chassis	strengthen	