

Subject Specific Vocabulary



Year 3 & 4 Autumn Cycle A Design and Technology Mechanisms Levers and Linkages Concept: Mechanisms

Mechanisms	Parts moving and working together in a machine.
Linkages	Linking/ putting two items together
Levers	Something that helps to lift things using a pivot
Pivot	A spot in the middle that a lever or slider can move
Slot	A cut or slit that something can be put into.
Rotary	Revolving around the centre
Prototype	A first version of what you are planning to make.

Knowledge	Skills
<ul style="list-style-type: none"> Understand and use lever and linkage mechanisms. 	Cut slots, internal shape
<ul style="list-style-type: none"> Distinguish between fixed and loose pivots. 	Use linkages to make movement larger or more varies.
<p>Teaching aids to demonstrate levers and linkages</p> <p>● Fixed pivot ○ Loose pivot</p> <p>When you push the card strip (input movement), the two levers move (output movement).</p>	Use and explore complex pop ups
	fasteners for card linkages
	Use lolly sticks/card to make levers and linkages, create hinges