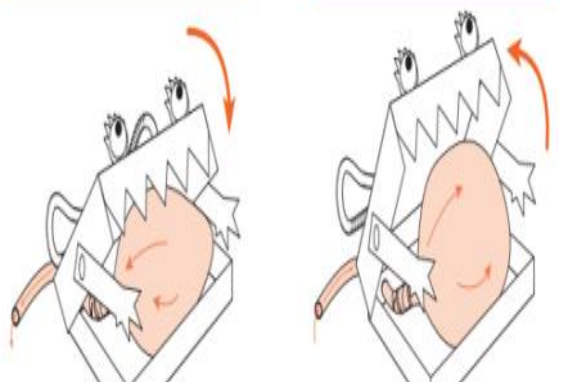
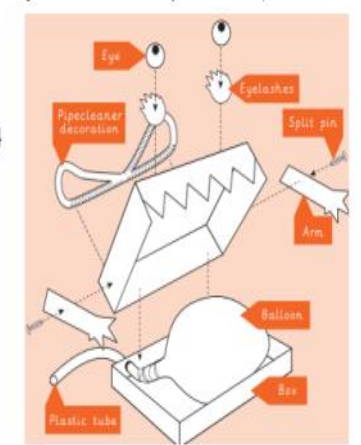


Funny Bones - Y3 Design & Technology

Vocabulary		Previous Knowledge					
Word	Definition	In Year 1, you used levers and sliders to make moving parts for your transport models.					
		Key Skills & Concepts					
pneumatic system	A system that uses air pressure to produce and control movement.		Generate ideas for products	Select appropriate tools	Investigate existing products		Use annotated sketches to show ideas
inflate	Fill a structure (e.g. a balloon) with air.	Assemble & join materials	Evaluate designs	Use techniques to shape & mould		Evaluate finished products	
deflate	Remove air from a structure (e.g. a tyre).	<p>A pneumatic system is a mechanism that runs on air.</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid orange; padding: 5px; width: 150px;">When air exits the balloon, the monster's mouth closes.</div> <div style="border: 1px solid orange; padding: 5px; width: 150px;">When air enters the balloon, the monster's mouth opens.</div> </div> 					
pump	A device that transfers fluids or air.						
syringe	A device for injecting or withdrawing fluids or gases.						
hinge	A joint which attaches two items.						
function	A purpose or the way something works.						
		<p style="text-align: center;">Exploded Diagram</p> <p>An exploded diagram allows us to see how a product is put together and all of the components inside.</p>  <p>Drawing your design in this way will help you to prepare for the making stage of your product.</p>					

Spellings: position, pressure, experiment, strength, material