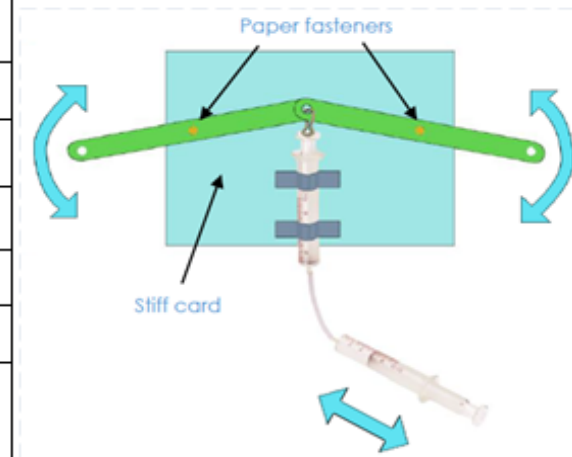
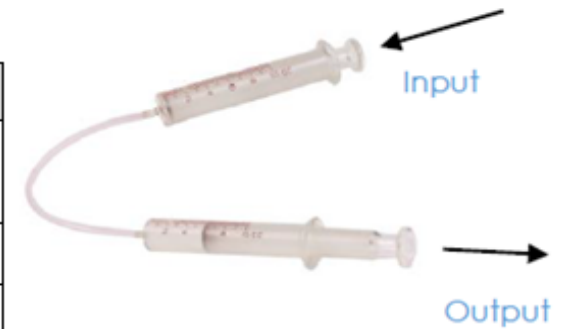


Knowledge Organiser - Pneumatics (Design & Technology Year 3)

Key Vocabulary	Definition
System	A set of parts or components used together to create an outcome. They have an input, process and an output.
Compressed	Something that is squashed, such as air in a tube.
Input	What goes into a system.
Output	What comes out of a system.
Pneumatic	A system that works using gases (air).
Hydraulic	A system that works using liquids (water).
Inflate	To fill something with air or a gas to make it swell up.
Deflate	To remove the pressurised air to allow an object to shrink.
Pivot	The central point, pin, or shaft on which a mechanism turns.
Lever	A beam which turns about a point.
Syringe	A tube with a nozzle and plunger for sucking and blowing air or liquids



Squeeze the bottle (input movement) to inflate the balloon (output movement) and raise the toy.

