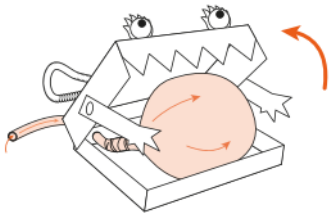
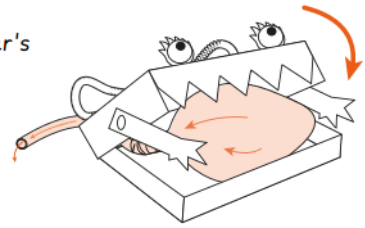
Autumn Term 2 – DT – Mechanisms – Pneumatic Toys

cross-sectional diagram	A drawing that shows the inside of an object as if it has been cut through.
exploded diagram	A diagram that shows all of the parts of a product by separating the inside and outside parts.
input	The movement used to start a mechanism.
linkage	Lengths of a material (like wood or card) that are joined together by pivots so that the links can move as part of a mechanism.
mechanism	A set of parts of a machine that work together to make something move.
output	The movement that happens as a result of starting a mechanism.
pivot	The central point, pin or shaft where a mechanism turns or swings.
pneumatic system	A mechanism that uses squashed air to cause a movement.
sustainable	Materials that do not harm the planet and can be reused or recycled.
thumbnail sketch	A simple drawing to get ideas down on paper quickly.

When air enters the balloon, the monster's mouth opens.

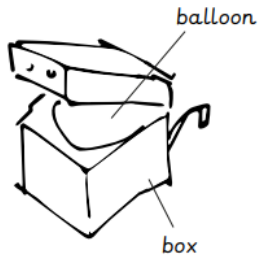


When air exits the balloon, the monster's mouth closes.

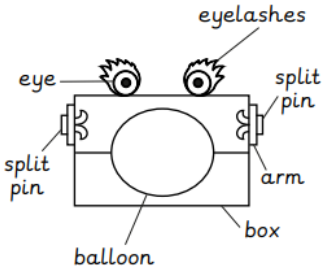


Diagrams are simple pictures that show how something works or what it looks like.

Thumbnail sketch



Cross-sectional diagram



Exploded diagram

