



## How can we make toys move using just air?

Word	Definition
Exploded diagram	A diagram which shows all of the parts of a product, including the inside and outside.
Function	How something works
Input	The motion used to start a mechanism
Linkage	Lengths of a material that can be joined together by pivots to allow for movement.
Mechanism	The parts of an object that move together as part of a machine.
Motion	The movement an object by an input or output.
Net	A 2D flat shape, that can become a 3D shape when assembled
Output	Output is the motion that happens as a result of something
Pneumatic system	A mechanism that runs on air or compressed gas

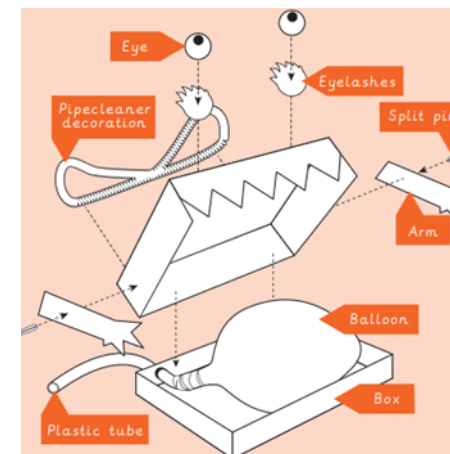
### Key Knowledge and Concepts



#### Key Facts/ Concepts:

An exploded diagram allows us to see how a product

is put together.



A pneumatic system is a mechanism that runs on air or compressed gas.

A net can be used to help us to create 3D shapes.

### Output

As a class you will design and create a toy with a pneumatic system, learning how trapped air can be used to create a product with moving parts.

