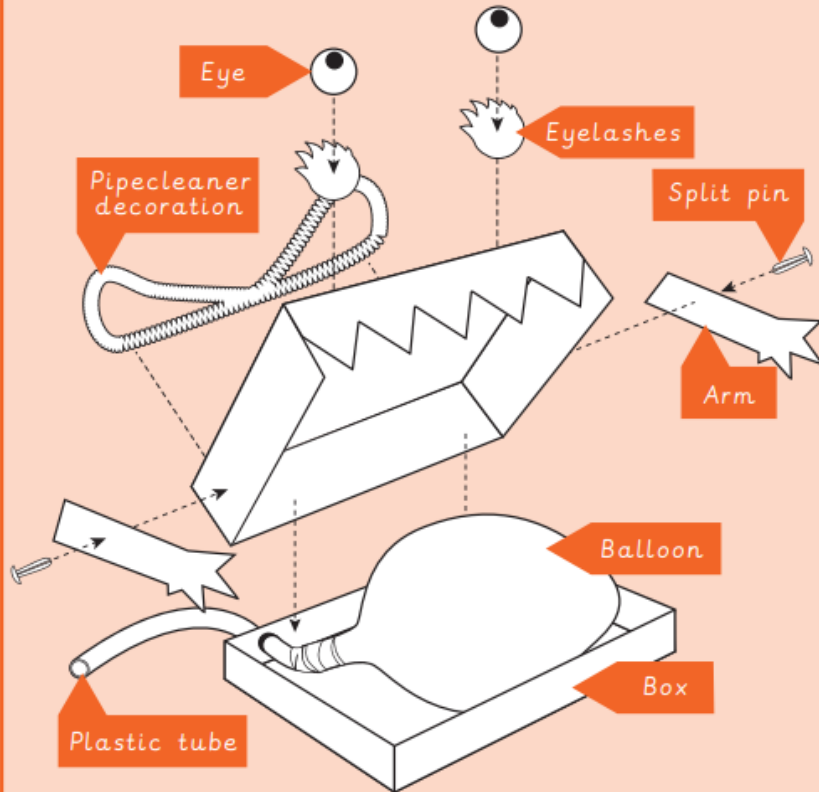
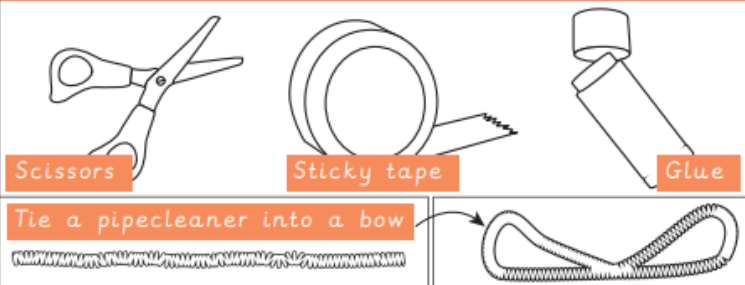


Year 3: Pneumatic toys

Exploded-diagrams allow us to see how a product is put together and the different components inside.



You will need:



KEY VOCABULARY



INPUT: The motion used to start a mechanism.



OUTPUT: The motion that happens as a result of starting the input.



LINKAGE: Lengths of material (such as metal or card) that are joined together by pivots, so that the links can move as part of a mechanism.



MECHANISM: The parts of an object that move together as part of a machine.



MOTION: The movement an object makes when controlled by an input or output (e.g. left, right, up, down).



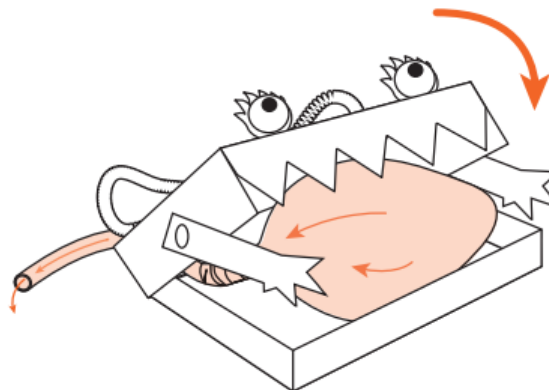
PIVOT: The central point or pin on which a mechanism turns or swings.



PNEUMATIC SYSTEM: A mechanism that runs on air.

EXAMPLE - HOW A PNEUMATIC DEVICE WORKS:

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



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

