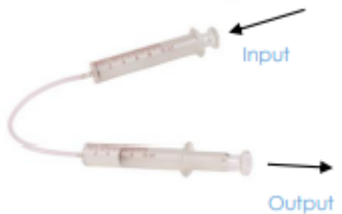
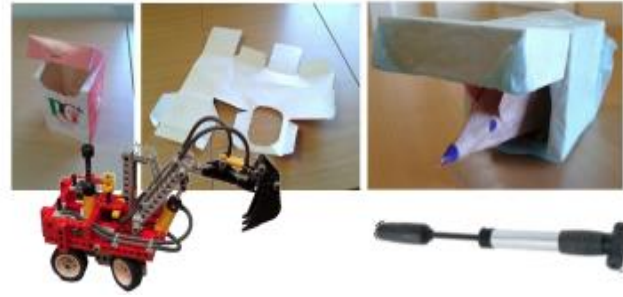


## Sticky Knowledge

### Key Knowledge

A pneumatic system works using gases (air).

A pneumatic system has an input movement (where the user pushes or pulls a syringe or pump), the process of air being compressed and an output movement (where the object at the end of the tube moves).



### Design Criteria

Your creature in a box should

- Have a creature in a box which moves using a pneumatic system
- Have an input and output movement.
- Be appealing so the user finds the product engaging.



### Key Vocabulary

Pneumatic system	A pneumatic system works using gases (air).
Input movement	What goes into a system.
Output movement	What comes out of a system
compressed	Something that is squashed such as air in a tube.
pressure	The force used on an object.
air-tight	Something which has been secured so that no air can escape.