



All Saints' Church of England Primary School—DT Knowledge Organiser

Year 3

Pneumatics

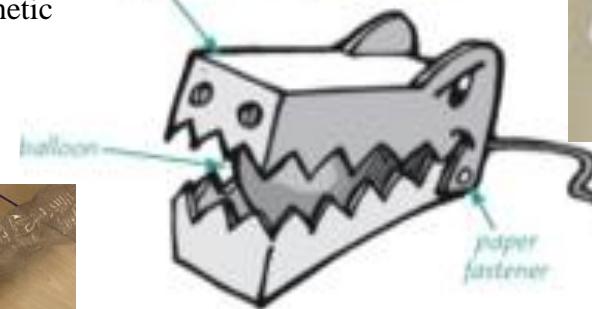
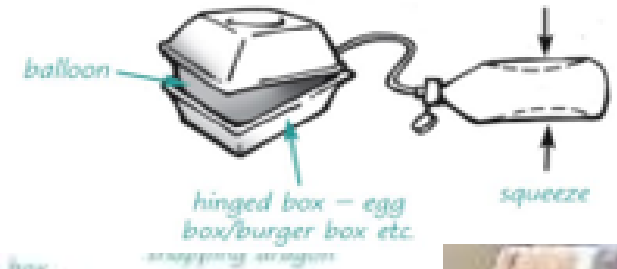
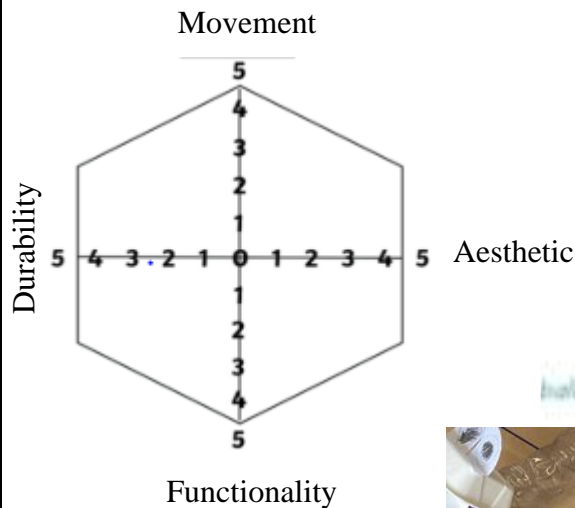
Design and Technology

Vocabulary

Control	open and close the monster's mouth
Air pressure	Force with which air pushes back
Inflate	Increase the size of the balloon
Deflate	Reduce the size of the balloon
pump	Add or remove air
Hinge	Allows two joined parts to move - jaw
design	What will it look like
Input	What we put in
Output	What happens as a result
Pneumatic	Movement caused by change in the air pressure

Design Brief:

Using the equipment provided you will need to design and construct a moving model of a monster mouth. You need to successfully assemble a pneumatic system with at least one moving part that you control using the difference in air pressure.



Star Evaluation