

Design and Technology – Year 3

Autumn 2

Mechanical Systems Pneumatics

- Objects can be moved by pushing it with air.
- If the air is pushed through a narrower tube in the syringe, it passes through it quickly and moves whatever is attached to the tube.

Spring 2

Structures Shell structures

- A shell structure is made from a net.
- A net is what a 3D shape would look like when it has been flattened out.
- The net is folded to make the 3D shape.
- Nets are used to make boxes to package items in e.g. cereal.

Summer 2

Food Healthy and varied diet

- A sandwich is made by putting a filling between two slices of bread.
- A sandwich filling can be made up of one type of food or several foods.
- A sandwich filling can be any food item that you like but some foods are better than others.