



DT: Sarcophagus

Knowledge and skills
Enhances and
empowers
You to
Succeed

Cronton CE Primary

Keys to
Success

Autumn Term



Knowledge



Vocabulary

A sarcophagus is a stone coffin or a container to hold a coffin.
 The sarcophagi of pharaohs and wealthy residents were elaborately decorated with carvings and paintings.
 Nets of 3D shapes are what the shape would look like if it were opened out flat.
 Some 3D shapes have more than one net.
 Nets can be folded and opened along the edges of the 3D shape. Each section of the net represents a different face on the 3D shape.
 The net needs to be cut out carefully around the outside, including the tabs and folded along the dotted lines inside the shape.
 There are different thicknesses of card. Thicker card is stronger and more rigid so it will hold the shape you want it to.
 Structures are things that are built for a purpose, for example to support something or hold something.
 Card strips can be used to create secure joints.
 Card triangles can be used to create secure corner joints.



Designing Vocabulary

Effective - successful in producing intended result.

Evaluate - judge a product against a list of things it must have or do.

Plan - a decision about what you are going to do or how you are going to make something.

Process - a series of actions or steps taken in order to achieve a particular end.

Product - a thing that is made.

Prototype - A prototype is an early model of a product built to test a concept or process.

Contextual knowledge - the knowledge you already have. What do you already know?

Assembling Vocabulary

Score - running a sharp edge or partly cutting through a material along the line to be bent/folded.

Strengthen - make something stronger or more effective

Technical Vocabulary

Hinge - a movable joint or mechanism on which a door, gate, or lid swings as it opens and closes or which connects linked objects.

Mark - a line made as an indication of where to cut.

Re-inforce - strengthen or support an object especially with additional material.

Tab - a small flap or strip of material attached to something, used to hold, fasten, or manipulate it.

Triangulation - using triangle shapes to strengthen a structure.