DESIGN AND TECHNOLGY KNOWLEDGE MAP

STRUCTURES - STABLE BASES



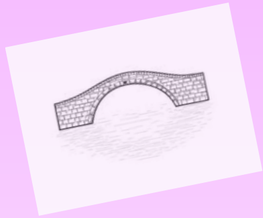


CAN YOU MAKE A STABLE PENCIL POT FOR A PARENT/ CARER?









SKILLS I NEED:

- UNDERSTAND THAT STRUCTURES WITH A WIDER BASE ARE MORE STABLE THAN ONES WITH A NARROW BASE. EXPLAINING THAT EXTRA WEIGHT ADDED TO THE BASE OF A STRUCTURE MAKES IT MORE STABLE.
- DESIGN A PRODUCT FOR A PARTICULAR USER USING SKETCHES TO SHOW IDEAS.
- CHOOSE THE BEST METHOD FOR JOINING THE PARTS OF THE PRODUCT.
- MAKE EVENLY SPACED CUTS: USE SCISSORS TO CUT OUT A SHAPE NEATLY AND ACCURATELY.

Better	Nicer, easier to use or lasts longer
Compare	To say how things are the same or different
Design	To make, draw or write plans for something
Explain	Tell someone about something clearly
Freestanding	Can stand up on its own
Product	Something that people make to sell or use
Stable/unstable	Not lightly to topple over or is
User	The person that something is made for
Worse	Less nice, harder to use or breaks easily