

## Design Knowledge

Know what a bird hide is.



Bird hide

The shape that is created by cutting straight through a figure.



Cross-sectional diagram

A test, or original, model of a product.

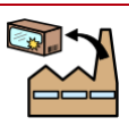


Prototype

## Design Skills



Design criteria

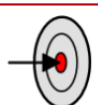


Product

Develop design criteria to design an appealing and purposeful product, aimed at a particular audience.



Appealing



Purposeful



## Year 4 Design Technology Knowledge Organiser



## Make Knowledge



Frame structure

A rigid support that can hold weight or protect its contents.

## Make Skills

Construct a stable frame structure.



Frame structure

## Evaluate Knowledge



Design criteria

Know the significance of design criteria in the design process.

## Evaluate Skills



Existing product

Use existing products to generate design criteria.

## Technical Knowledge



Strengthen

To make something stronger/more stable.

## Technical Skills



Reinforce

Reinforce corners to strengthen a structure.