

Y2 Knowledge Organiser: Design Technology

Key Vocabulary:

measure,
design,
suitable,
purpose,
components,
hinge
attach,
evaluate,
improvements,
finishing
techniques,
appearance
habitat
camouflage
perch



This half term, children will be building bird boxes. They will be learning to identify and describe different finishing techniques. They will also be developing their understanding of design criteria, how to adapt designs and ensure their products are fit for purpose.

Key Knowledge:

A product is something that is designed and made by humans.

Products are designed and made to do something useful.

You can adapt and change designs to make improvements, add components such as a perch or a hinge to bird boxes.

You can learn how to improve products by thinking about what works well and what didn't work well.

There are different styles of bird boxes but their purpose is the same.

How to measure accurately to centimetres.

How to attach and join wooden objects using nails, screws, hammers and screwdrivers.

How to use a drill safely.

Know what a hinge is and how they work.

Know what finishing techniques are and make suitably informed choices about what appearance and finish to use on their bird box i.e. camouflage, blending in with habitat.

