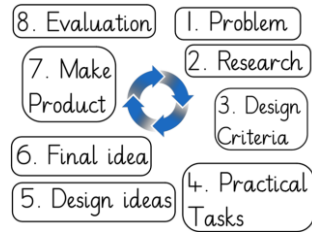


Design process



Vocabulary

Float / sink

Join, cut, fold, fix, frame, glue gun,
scissors, ruler, cellotape
evaluate, predict
existing product, research, design,
model, prototype
hard, soft, flexible, transparent. ...

Links to other subjects

Science: materials
Maths: positional language, measurement,
and shapes
Art/Design: colour, layout, materials
Learning theme: Homes, pirates plans and
adventures

DT – Y1 Free standing structures

A structure that stands on its own foundation or base without attachment to anything else

Key knowledge and skills

We can generate ideas and recognise basic features of a bedroom
We can investigate the effectiveness of different materials
We can design a purposeful and functional plan based on the design criteria
We can model our ideas through drawing and talking
We can learn to join different materials effectively
We can measure, mark and cut out different materials
We can talk about our own products and that of others and communicating likes and dislikes
We can learn about the work of designers.
We can select and use a range of tools and materials whilst making
We can evaluate their products against design criteria



Health and safety

We can cut wallpaper
We can use scissors safely
We can saw wood

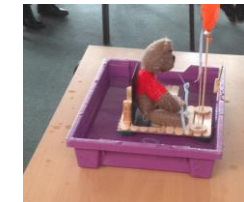


Equipment used



Outcomes

1. Designing and making a bedroom for Lego character
2. Designing and making a boat that floats for 1 minute



Links to prior learning and next steps:

EYFS Design and making areas
and construction resources
Y4 Morse code machines