

Design Brief

A local problem: define and design

engineering

What you need: Investigation Journal Design Brief page · problem cards (seed-tray cover, ball barrier, book stand, draught-stopper) · clipboard · 30 cm ruler · scrap paper for rough notes

Words to use

User need · Success criteria · Design Brief

The problem we chose, in our own words

Who it is for

Their one real need

What your design must do

You can only use the shared junk-modelling kit next time: cardboard, tape, string, lolly sticks and fabric scraps. Your sketch needs labels, the materials you expect to use, and at least one size in centimetres. An estimated size is fine if you write the unit.

Risks and limits we noticed

Our three success criteria – things we can test later

My first ideas – draw and label them



Lesson 34

Check your sketch shows

The parts labelled • The kit materials you expect to use • At least one size in centimetres



Our measurements, in centimetres



What we will use, and how many

