

Design Brief

A helper for a friend: plan and make

engineering

Words to use

Problem • Plan • Model

The problem

A friend has a small classroom problem. Design a simple helper that makes that problem easier.

Who is it for?

a chosen friend in the class

Their one real need

What it must do, and must NOT do

Use only the junk-modelling materials on the table • Small enough to sit on a desk •
Must be something one pair can make in this lesson

Risks and limits we noticed

My first ideas — draw and label them

Check your drawing shows

Who is it for? • What is the small problem? • Sketch your helper and point to the main parts • Which materials will you use?





Lesson 35

What I will use

cardboard boxes and offcuts · paper tubes · paper and card scraps · lolly sticks · masking tape · glue sticks · safe scissors



We will know it works when...

Names a friend and one small problem · Drawing shows the idea with main parts · Names at least two materials to use

