

Design Brief

Plan and draw your idea

engineering

Words to use

Design drawing • Label

The problem

Someone needs a simple desk helper at school: either a stand-up book prop so a book stays open, or a small basket that catches crayons before they roll onto the floor.

Who is it for?

a friend or classmate who needs this helper

Their one real need

What it must do, and must NOT do

Choose only one helper: book prop or crayon basket • Draw the helper large enough to show the parts • Label at least two parts • Name who it is for • Name two materials you would use • Plan and draw only today; do not build the helper yet

Risks and limits we noticed

My first ideas — draw and label them

Check your drawing shows

Who is your helper for? • Which helper will you design: book prop or crayon basket? • Draw your idea big on your Design Brief page • Label at least two parts • Handle your table tray, then name two materials you would use





Lesson 32

What I will use

card offcuts · paper cups · sticky tape · fabric scraps · lolly sticks · string or wool · small box pieces



We will know it works when...

The drawing shows the whole helper • At least two parts are labelled • Who it is for is named • Two materials are named

