

What should I already know?

Use what they have learnt about materials, thinking about uses and purposes

Think about and discuss what they want to make.

Discuss their work as it progresses with support.

Technical Knowledge and skills:

- begin to measure with some accuracy and join materials, with some support
- describe differences in materials with some help
- suggest ways to make material/product stronger with some help

DT Skills:

Discuss and evaluate the existing products to understand their purpose. Discuss the given design brief and the design criteria.

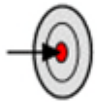
Design their own product using labelled drawings. Be able to discuss what resources they require for their products.

Based on their individual designs, choose from a variety of materials and perform practical skills e.g cutting joining and finishing the product with some independence etc

Testing their products.

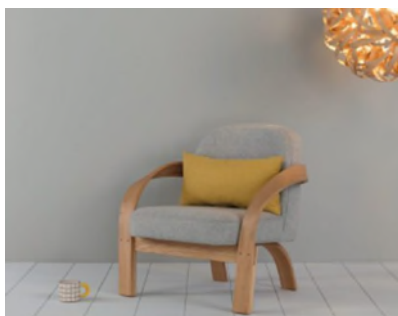
Evaluate their ideas and products against the design criteria provided using a sheet with sentence starters.

Key Vocabulary:

Function 	The purpose or task of (a specified thing).
Man-made 	Made or caused by human beings as opposed to occurring naturally
Natural 	Existing in or derived from nature; not made or caused by humankind.
Stable 	Not likely to give way or overturn; firmly fixed.
Stiff 	Not easily bent or changed in shape; rigid.
Strong 	able to withstand force, pressure, or wear.

Focused designer/ company

Tom Raffield



Examples

