



# Design & Technology

Product Design – Resistant Materials

## Summer Introduction Task

A manufacturing company in Wiltshire has a large number of waste plywood discs measuring 390mm in diameter (24mm thick). These circles of plywood are an unwanted offcut from speaker cases they manufacture for festivals and do not want them to be wasted, go to landfill or incinerators.



Your task is to design any product you like, but it must be possible to construct it from **one 390mm circle of 24mm plywood**. As far as possible you should use all the manufactured board. You may incorporate other materials into your product, but the plywood disc must be the main material.

You will present your work on one A3 sheet set out as below.

You will demonstrate your creativity and your knowledge of manufacturing techniques.

## Summer Design Task

Design Brief

Draw your plywood disc showing how you will cut it up to make your product. The size of your plywood disc is 390mm and it is 24mm thick.

Design Specification

3D drawing of your product with annotation explaining how it will be made.