

Design & Manufacture

Homework 6

Model vs Prototype

A **prototype** is what you make at the end of the project, using the correct sizes, materials, joints and finishes and it should fully work.

A **model** is often made to the wrong size, with the wrong materials and doesn't always need to work.

Models are made to test ideas. Often only the part of the product that needs to be tested is modelled, e.g. If a simple box is to be lifted by a handle, only the handle shape needs to be modelled to test it for size and comfort.

What is a Mind Map used for ?

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What is a Design Specification ?

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What is the difference between a critical and non-critical specification?

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With the use of FEEDSCAMMP List the four headings that you think are the most important in a specification ?

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What is the difference between a model and a prototype ?

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Name five things that a model can be used for testing ?

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