



Prototyping

Prototyping helps you determine whether your idea is going to work or needs modifying.

A prototype allows you to test your solution quickly and cheaply.



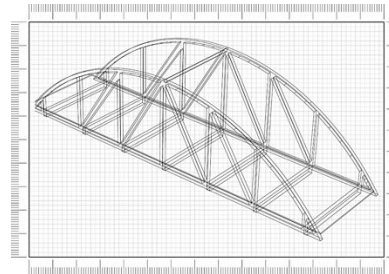
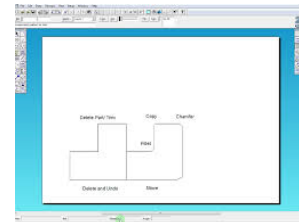
Cardboard modelling	
Advantages	Disadvantages
<ul style="list-style-type: none"> Has good strength Sustainable resources as it can be recycled Corrugated cardboard has good strength 	<ul style="list-style-type: none"> Not weatherproof Basic and unappealing finish Corrugated cardboard can be difficult to work with



Modelling

Another key piece of research, is Anthropometrics and Ergonomics . This helps develop the sizes of products, etc to make sure it fits the User	
Anthropometrics	The study of measurements of the human body. E.g. Knowing the grip width of a palm, if designing a new travel coffee cup
Ergonomics	The application of anthropometrics to ensure products are safe and comfortable to use. This can also include; size, material, appearance, brightness, sound and texture. E.g. making sure the travel cup is the correct size, and an insulating smooth material to make it comfortable to hold for long periods

Icon	Meaning
	Used to draw straight lines
	Used to draw freeform curves
	Used to draw circles
	Used to add text
	Click and hold for Shapes tools



Scale

Scale drawings represent real objects with accurate lengths reduced or enlarged by a given scale factor.

Scale drawings are commonly seen as smaller representations of large objects including buildings, gardens and vehicles. Scale drawings may also be a larger representation of small objects such as parts for a watch or a medical instrument.



Joining methods

