

Design and Technology: Processes – Year 4

Previous learning in Year 3:

In Year 3, we began examining the features of existing products by looking at their colour, shape and size. To present our design ideas in more detail we used annotated sketches and cross sectional diagrams. We also learnt how to analyse by asking questions about our product such as: is it appealing? Does it work properly? How can we make it better?

What (Key vocabulary)

intended user	Is somebody who might use the product
purpose	The reason for which something is created or why something exists
survey	Is a list of questions which aims to extract information from a specific group of people
jinx joins	A jinx corner (triangular shape) is added to strengthen a join
mibre/mitre joins	Where two materials join at an angle to make a corner shape
improve	Make something better
electrical system	Consists of a power source, a conductor and an output
manufactured	To make or produce something – sometimes using machinery
lap join	Materials join by overlapping each other
exploding diagram	Is a drawing which shows the order and position of various parts of the object
appealing	Something that is nice to look at
functional	Something designed to be practical and useful

Who (Significant people)

Alexander Graham Bell

Invented the telephone