

Keywords: Yr10

Autumn 1

Product Design

Topic Title: Introduction to product design.

Introduction to the topic: Effective representations of products through designs and drawings.

What lessons will you cover during the topic? 2d/ 3d, orthographic, isometric, drawing tools, creativity and design.

Keyword	Definition
Isometric	A 3D drawing style with lines projected vertically or at an angle of 30 degrees
Three-Dimension	A 3d object appears to have length, breadth and depth rather than being flat.
Orthographic	A drawing style that shows 3 elevations of a product
Scale	A standard system of measuring.
Working Drawing	Working drawings are drawings used as a reference or guide in the manufacture of a product.
Dimension	The measurements shown on an engineering drawing
Set Square	A triangular drawing tool used when creating engineering drawings
Parallel rule	The ruler that slides up and down on a drawing board
Drawing board	A precision board used to hold paper in place when producing engineering drawings
Line weight	The amount of pressure put on a pencil to create faint or dark lines