DT – Designer Coaster
Year 8

Design Movement	Timeline	Characteristics	Designer of note
Arts & Crafts	1850 – 1900	- Hand crafted, - Natural materials, - As a result, items were often very expensive, - Inspired by flora and fauna and natural forms.	William Morris
Art Nouveau	1890 - 1905	- Elongated, stylised lines, - Often referred to as "Whiplash" lines, - Inspired by flora, fauna, insects, birds and the female form.	Charles Rennie Macintosh
Art Deco	1925 - 1939	- Inspired by Aztec motifs and Ancient Egypt, - Geometric fan, shell and sunburst shapes, - Considered very elegant, - Mostly machine made products.	Clarice Cliff
Bauhaus	1919 - 1933	- German art and architecture school, - Function over form, - Very little decoration, - Believed that the material choice is most important.	Walter Gropius

	Numeracy in DT
	Radius – From the centre of the circle to the edge
	Diameter – From one edge of the circle, to the other through the centre point.

2D design

	Circles To draw circles freehand, with given dimensions, to round corners,		Path To draw curved lines freehand, within a given space, closed or open paths.	
	Delete To delete an entire object, part of an object, or just selected objects.		Select Tool To select an item of the page, or to select a tool to use. You won't be able to do anything without first clicking on this.	
	Dim Lines To measure in a variety of way (e.g. vertically, horizontally, circles etc.)		Shapes To draw squares, rectangles, triangles, polygons, parallelograms freehand or with given dimensions	
	Layout To change the size of the page, it automatically sets to A3.		Text tool To add words freehand, on a given line, or in a given space	
	Line tool To draw lines freehand, with a given length, at a given angle.		Vectorise To change an image from the internet in to an image the laser cutter can read.	

File types		Line colours	
.dtd	Allows you to open the folder in 2D design.	**Red**	Cut through – The line will be cut all the way through.
.dxf	Allows the laser cutter to open your file.	**Green**	Profile cut – The line will be partially cut.
		Blue	Engrave – The line will be "filled".