

ESSENTIAL DT (CIRCUIT CONSTRUCTION) VOCABULARY

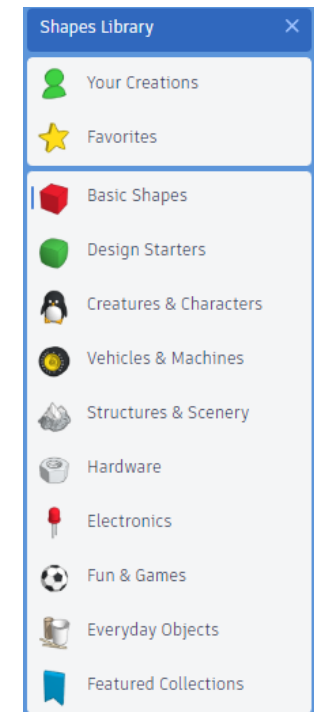
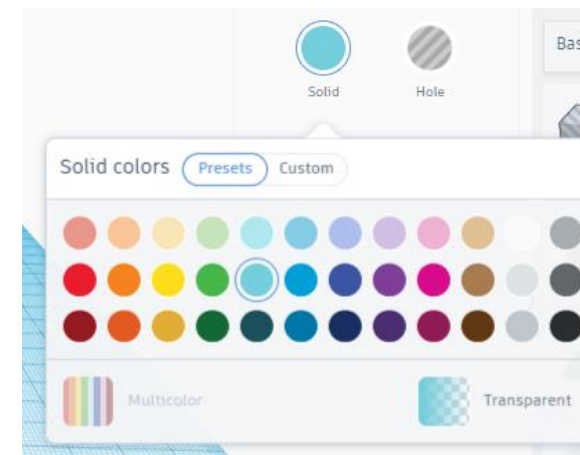
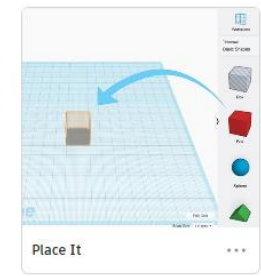
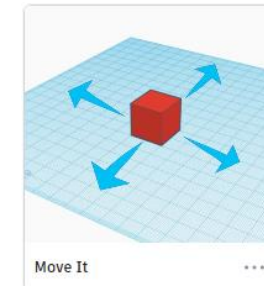
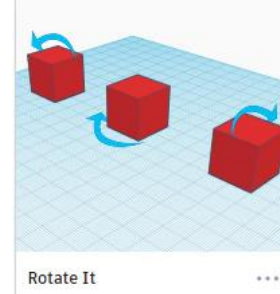
Computer Aided Design (CAD)	The use of a computer or a device, which has an online software, to allow people to create online designs and help them with the designing process.
2D (two-dimensional)	A shape that is completely flat, where the two dimensions (length and width) of the shape can be measured. E.g., circle, triangle, square and hexagon.
3D (three-dimensional)	A shape that has three dimensions (length, breadth and height). E.g., sphere, cube, cuboid, pyramid and prism.
Work plane	A virtual 2D surface used as the main base to view or plan a design on.
Modification	Changing or editing a product, usually to make something work better and improve the outcome of the product purpose.
Computer Aided Manufacture CAM	Softwares that are control by computer based machinery. Once designs are finished on CAD, the CAM softwares can be used to produce a real-life product.

MAKING LINKS TO PREVIOUS LEARNING GOLDEN VOCABULARY

Design	A plan or drawing produced to show the look, function or workings of a product before it is made.
Software	A programme you can use on the computer to complete a range of tasks. E.g., PowerPoint and Excel.
Shape	A flat, enclosed area that is made up of sides. The sides can be straight or curved and have different properties.

Tinker CAD tools

Placing, moving, rotating and arranging basic shapes is what allows you to begin with designing your ideas on the work pane.



You can select from a variety of shapes and colours along with adding text!

Examples of designs

