



Computer Aided Design—Tinkercad

Key learning

- Place, view and move items on the workplane
- Rotate and change the size of different items in the workplane
- Create a shape using a range of items and adapt the size to create a specific object
- Manipulate the size of the shape using specific dimensions to fit a purpose
- Create a more complex design made up of a range of shapes
- Use skills to design an object of their own to fulfil a particular purpose

Key vocabulary

3D design Designing a model of a 3-dimensional shape

Aligned To place objects in a straight line with other objects

Dimensions The specific size of your object
Duplicate To create a copy of an object
Grouping Selecting a set of objects and grouping them as one

Scale down To make an object smaller

Scale up To make an object bigger

Workplane The area you are working on and putting your shapes onto

