



## Designing your key-tag



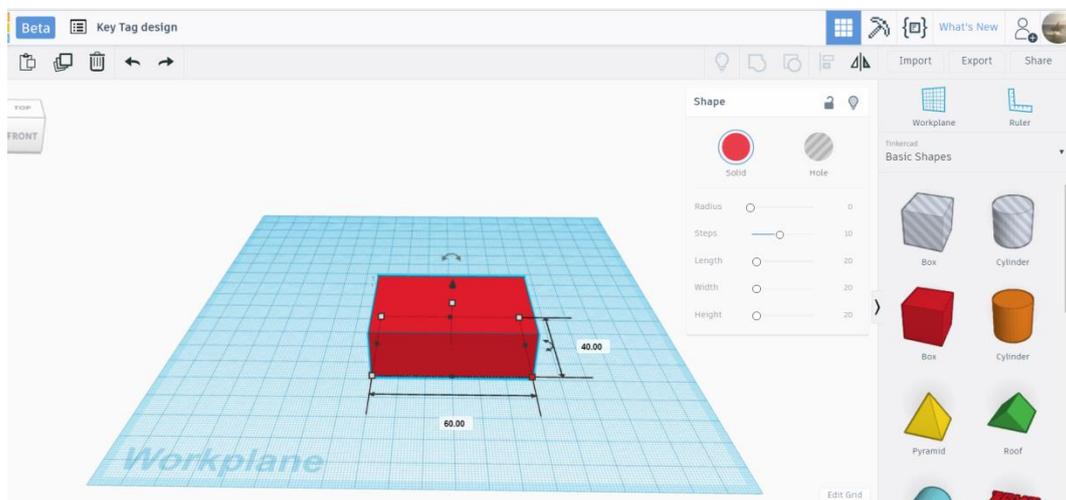
1. Click on the home button (top left)

Start your project by clicking - create new design

Create new design

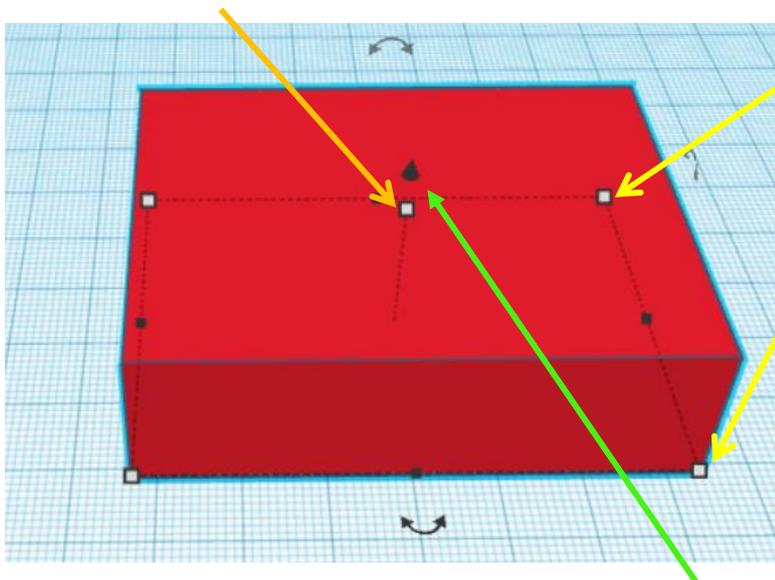
### 2. Workplane

- Adjust the view of the Workplane by holding the right mouse button and moving the mouse around
- Zoom in and out by moving the scroll wheel on the mouse

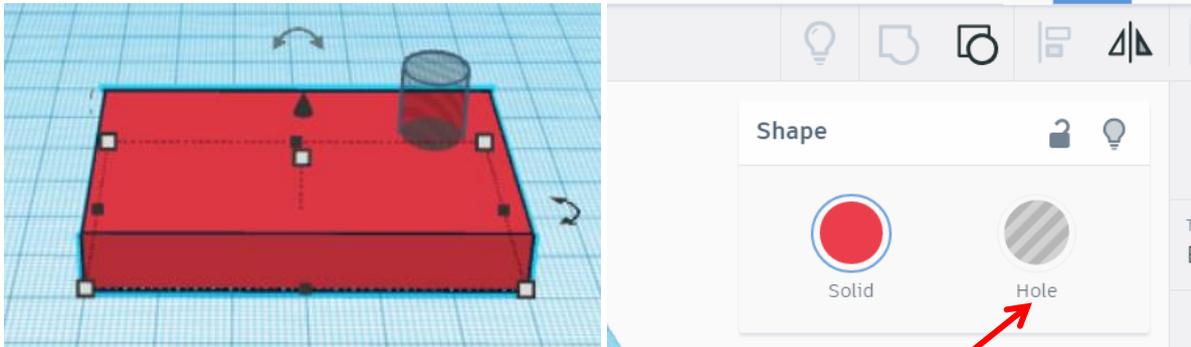


### 3. Drag and Drop

- Choose an object, then drag and drop it onto the Workplane
- Adjust the dimensions using the corner squares to get a 60 x 40 mm square
- Adjust the height using the central square to get 9mm

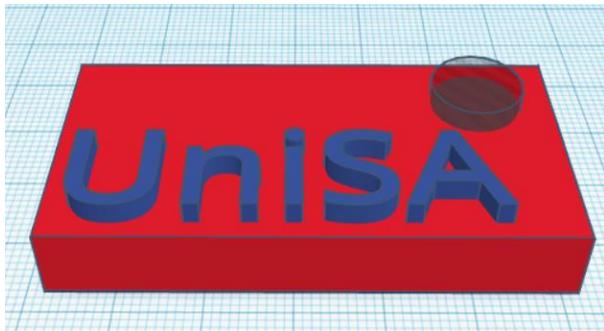
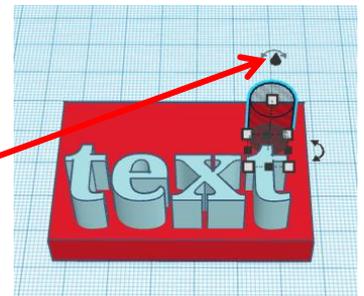


- Until you have practised with this program avoid using the central black cone shape as this lifts and lowers the object and can leave it floating in mid-air.



#### 4. Making a hole and adding text

- Drag and drop a new shape onto the Workplane
- Select the new object and change it into a **hole**
- Adjust the size of the hole (approx. 10 x 10mm) and place it inside your object making sure it goes right through. To do this click on the **black cone shape** above the cylinder and drag it down so the hole is all the way through your shape.



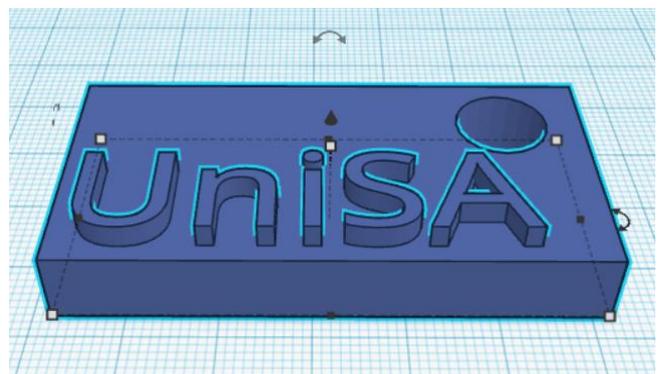
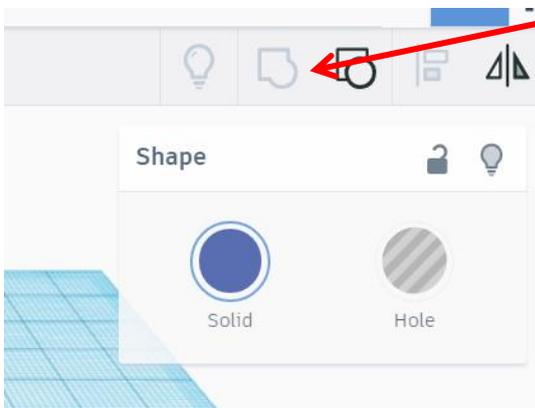
\* Add text and other features to your design.

**Adjust text to 12mm or it will not be visible when printed.**

To add text drag and drop the text icon onto the workplane and then adjust the text, font and height.

#### 5. Grouping the object

- Highlight both objects (by making dragging the mouse to create a red rectangular perimeter) you then click **Group** or press **Control + G**



The colour in Tinkercad is irrelevant, it is the printer plastic that determines the colour.

6. The design will automatically save to the classroom account