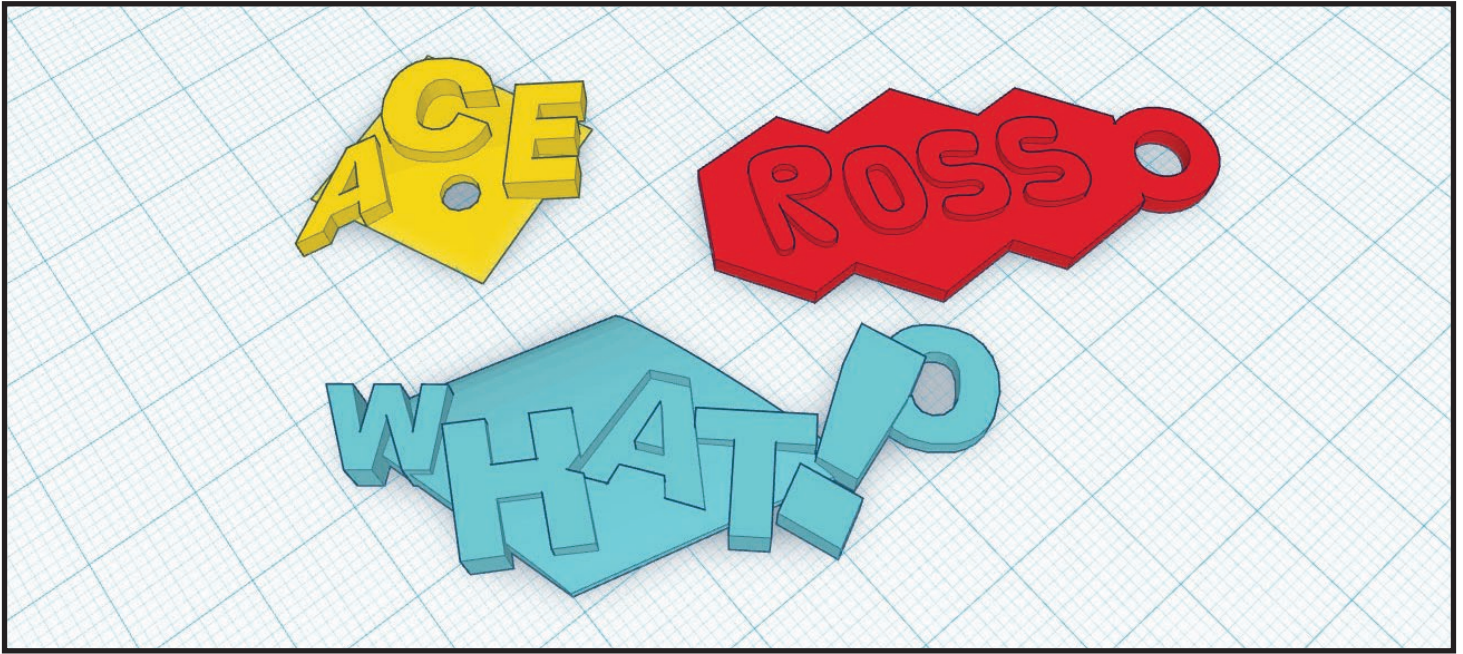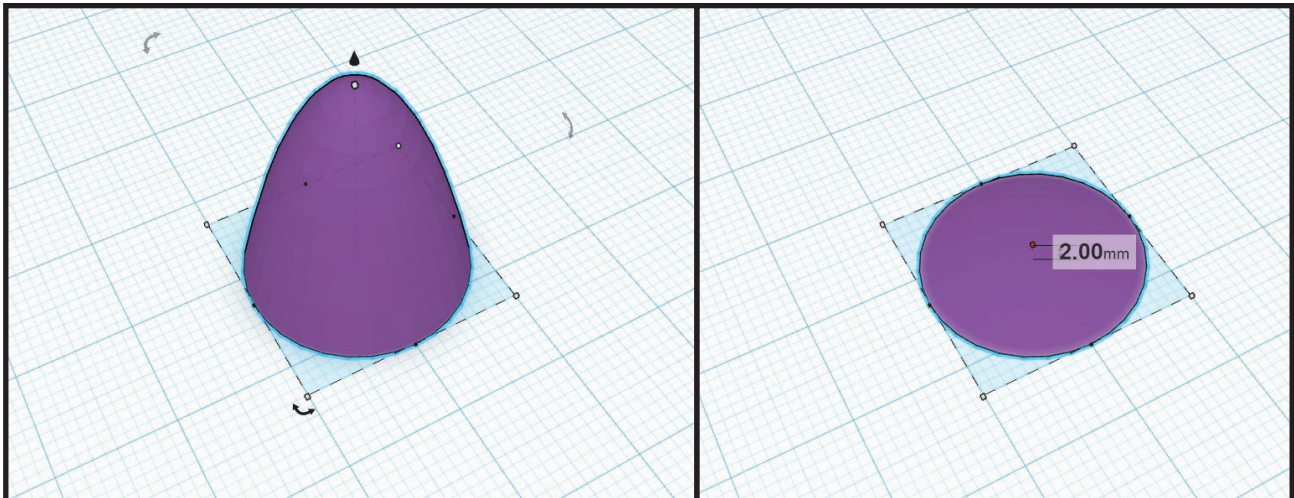# SWAG TAG IN TINKERCAD

(TinkerCAD Tutorial - Beginner Level - Written by Maz a.k.a. Rose M.)
(Make project no bigger than "70mm x 50mm x 10mm")
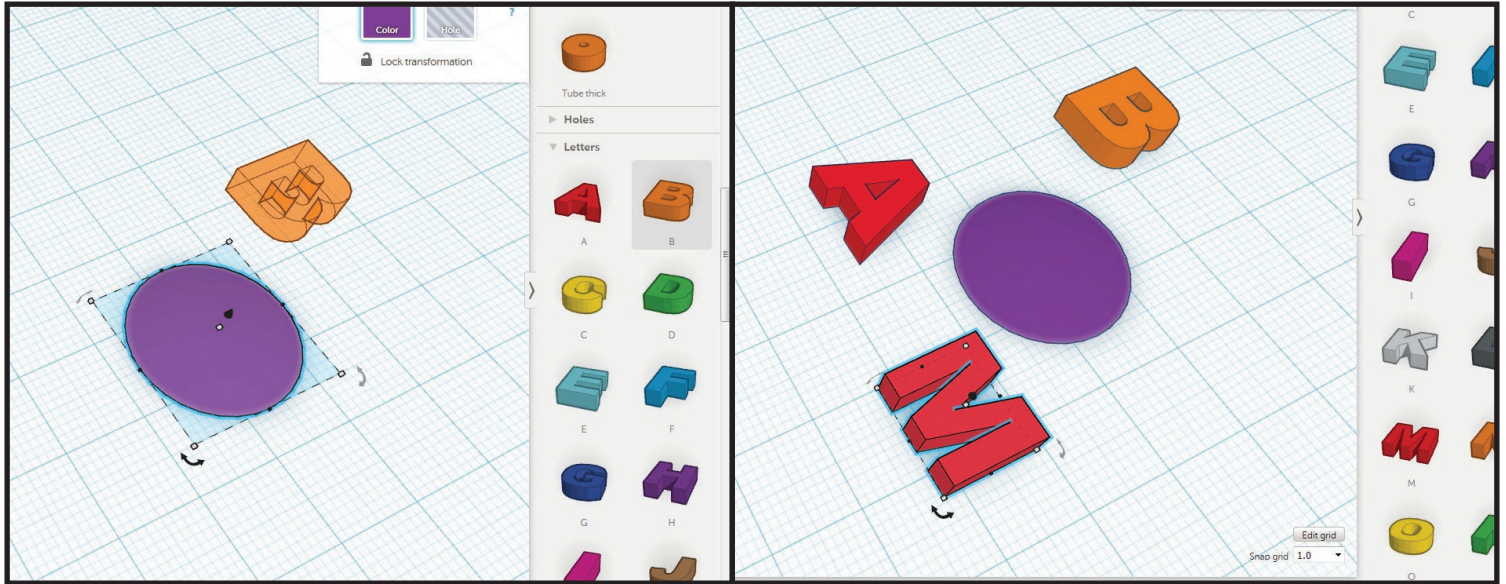

STEP 1:   CREATE THE BASE FOR YOUR SWAG TAG

• Click to select a shape from the "Geometric" section in the right side tab.
Suggestions: **Box, Cylinder, Round Roof, Half Sphere, Hexagonal Prism, or Paraboloid**

• Move your cursor into your workspace and click to place the object.

• With the new shape still selected, click+drag on the "Small White Box" at the top of the object down to "2.00mm".
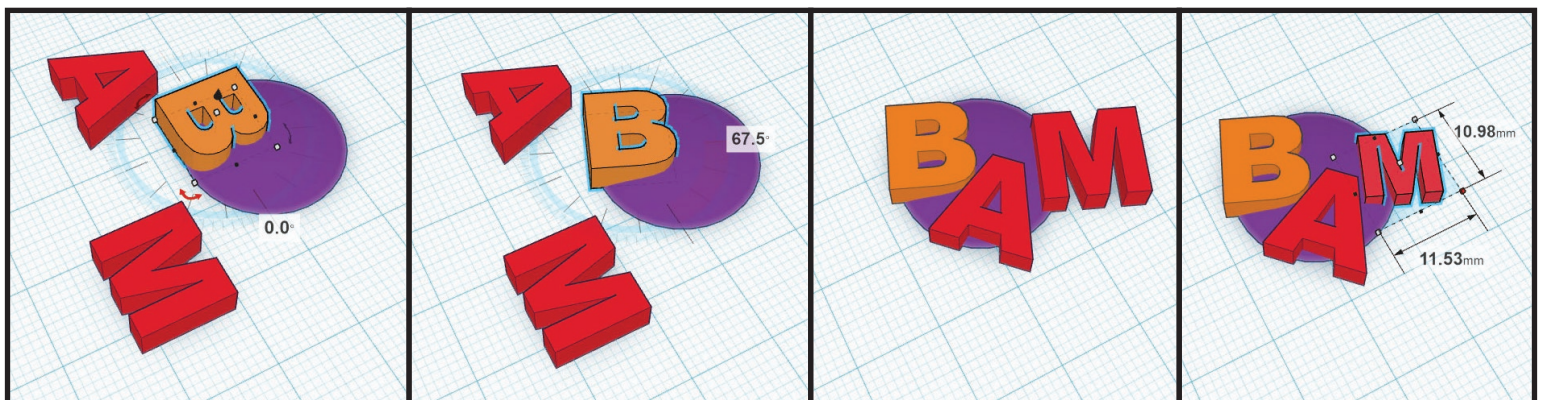
STEP 2: CREATE THE TEXT FOR YOUR SWAG TAG

- Click to select a letter from the "Letters" section in the right side tab.

- Move your cursor into your workspace and click to place the object.

- Continue adding the letters needed for your word until you have them all.

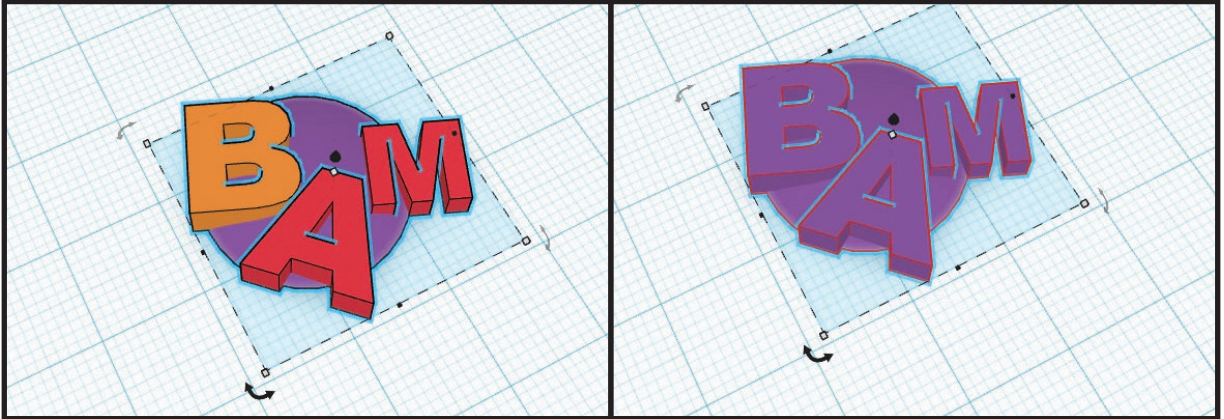# STEP 3: ARRANGE THE TEXT ONTO YOUR SWAG TAG

- Click+drag on a letter and move onto the base.

- Continue doing this for each letter.

- Use bottom left arc with arrows to rotate letters into direction you want.

- Alter the size of a letter by click+drag on the small white and black boxes.

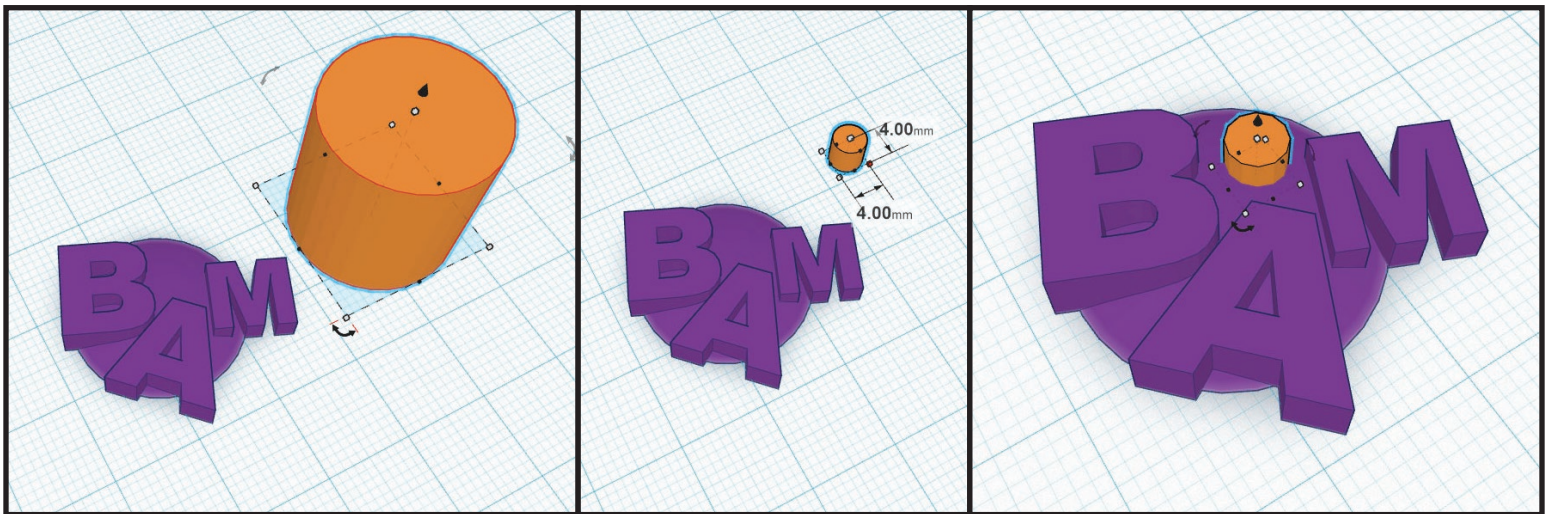 For a uniform scale, hold SHIFT while dragging.

STEP 4: COMBINE THE TEXT TO THE BASE OF THE SWAG TAG

• Click on the base to select, hold SHIFT and click a letter. While still holding SHIFT continue clicking each letter until all are selected. In the menu at the top on the right, click "Group".

STEP 4: ADD THE LOOP FOR ATTACHING THE SWAG TAG

• In the right side menu, go to the "Geometric" section and click "Cylinder".

• Move your cursor into your workspace and click to place the cylinder.

• Click on the cylinder to select.

• Click+drag and hold SHIFT on the corner "small white box" to "4.00mm".

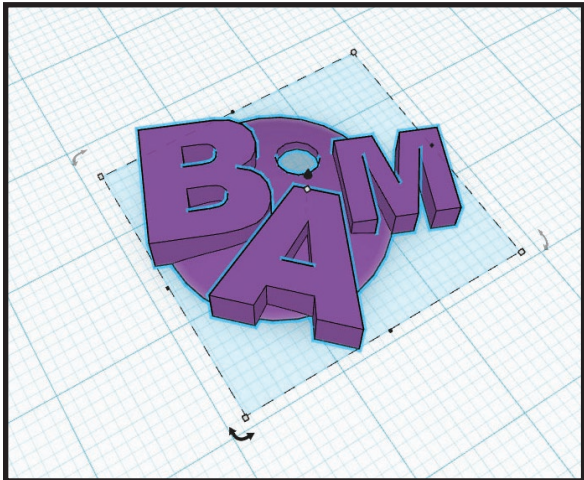• Click on cylinder and drag to desired position for punching out loop/hole.

STEP 5: PUNCH OUT THE LOOP ON YOUR SWAG TAG

• Click to select the cylinder. In the "Inspector" box at the top right corner of the workspace, click on "Hole" with the striped box.

• Create a selection box over your entire swag tag. To do this, click+drag from the upper left corner outside from your swag tag in the workspace to the bottom right corner in your workspace and release the mouse click.

• Once all of the swag tag objects are selected, click on "Group" near the top right of the screen.

STEP 6: EXPORT FOR 3D PRINTING

• Near the top left of the screen, click on "Design" > "Download For 3D Printing". In the pop-up window select ".STL". Save your file some place you can retrieve it later for printing.