

**3D printing our first object**

DIRECTIONS

# Step 1

- Go to Google.com and click on images
- Search for whatever image you would like to create on the 3d printer
- Click on the image and then right click the picture – choose save as – save to your desktop



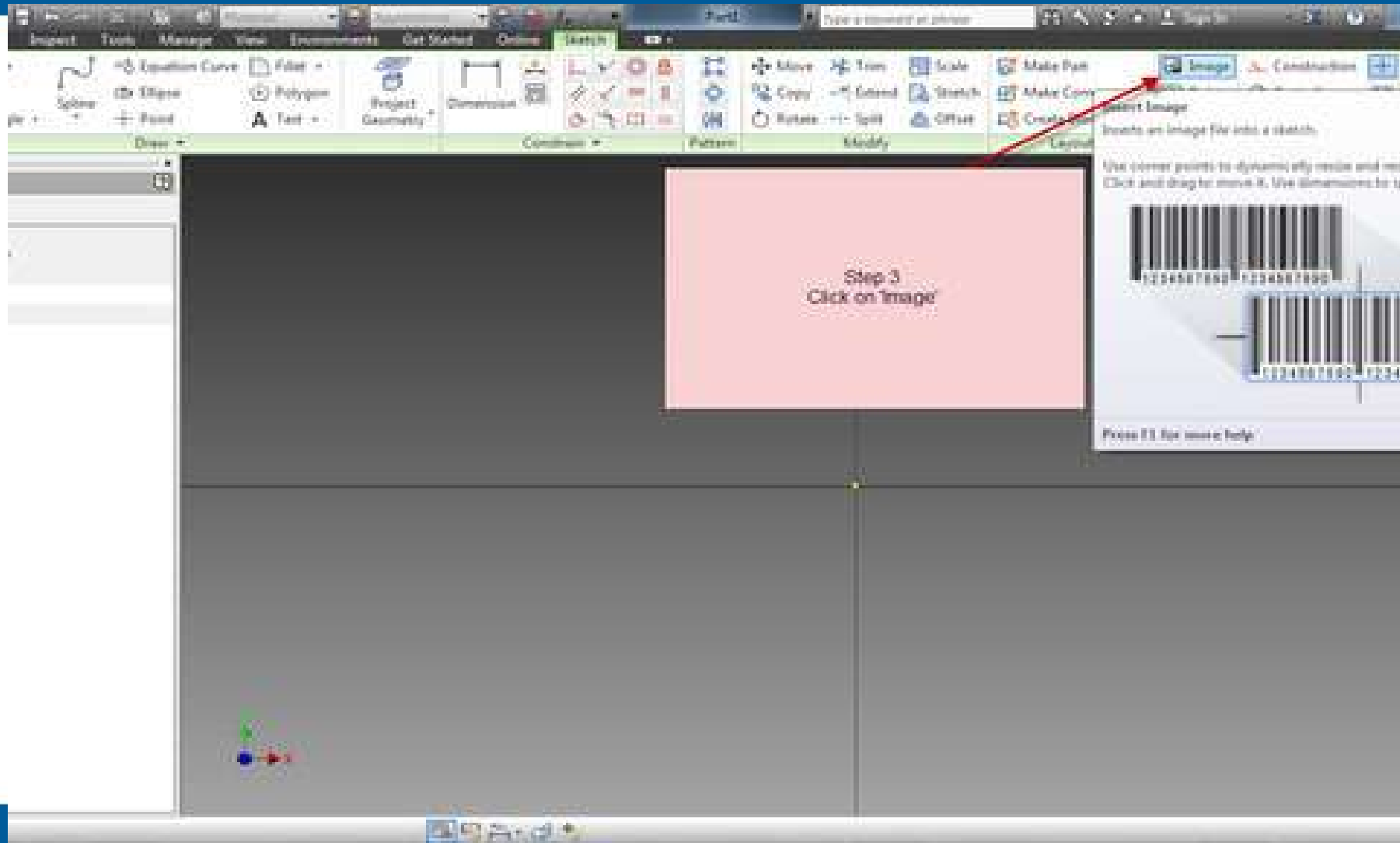
# Sketch the object on blank paper

- Use a ruler to measure the size of the object.
- I will print it exactly the size you make it!!

# Step 2

- Open a new **Standard.IPT** in **Inventor**
- Go to 2d **sketch**

Click on the “image” button  
Choose the picture you found on google.



# Step 3

- **Resize** the image by clicking on the upper, left corner (white square).
- Hold the mouse button and drag the image to a size that fits on your screen.
- Use the “line”, “arc”, and “circle” to trace the **outside** of the image

## Step 4

- Finish the sketch and extrude the outside of the image (usually to about .25).
- Draw more on the image and extrude and cut to make the image 3d and interesting.
- See the following images.....



