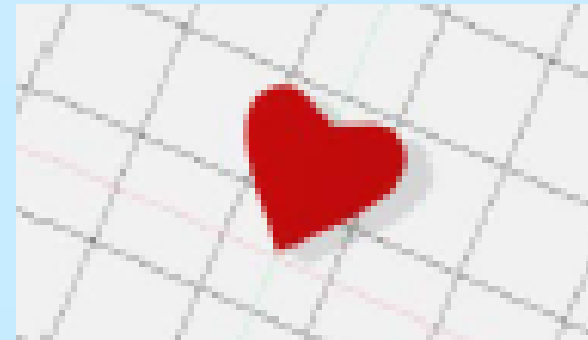


# THE HEART DESIGN PROJECT



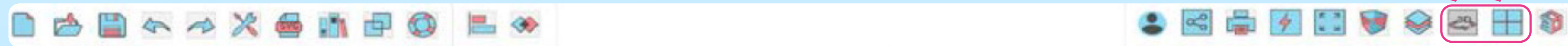
**Your first simple guided design challenge**

## Module 1 – session 1

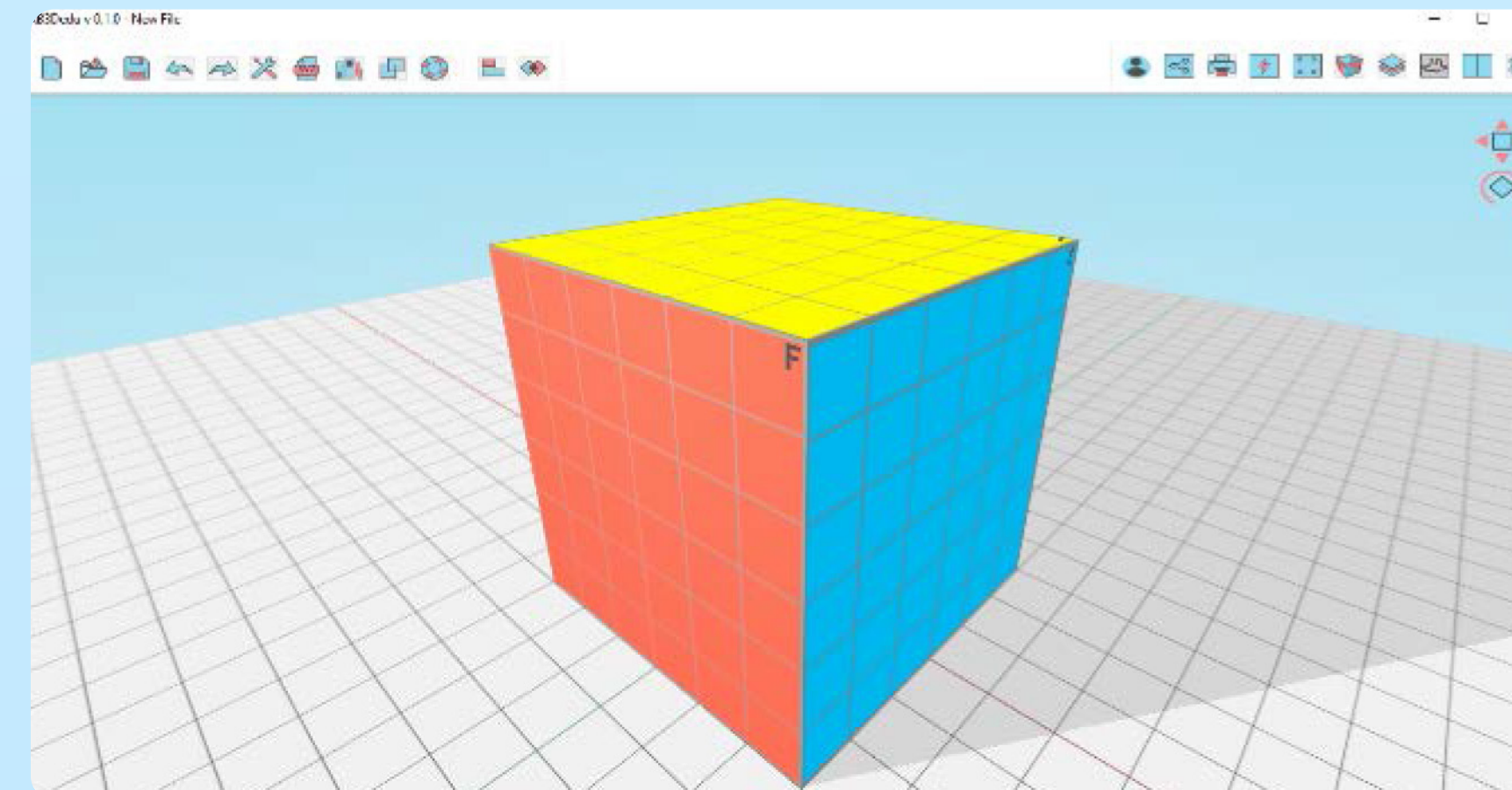
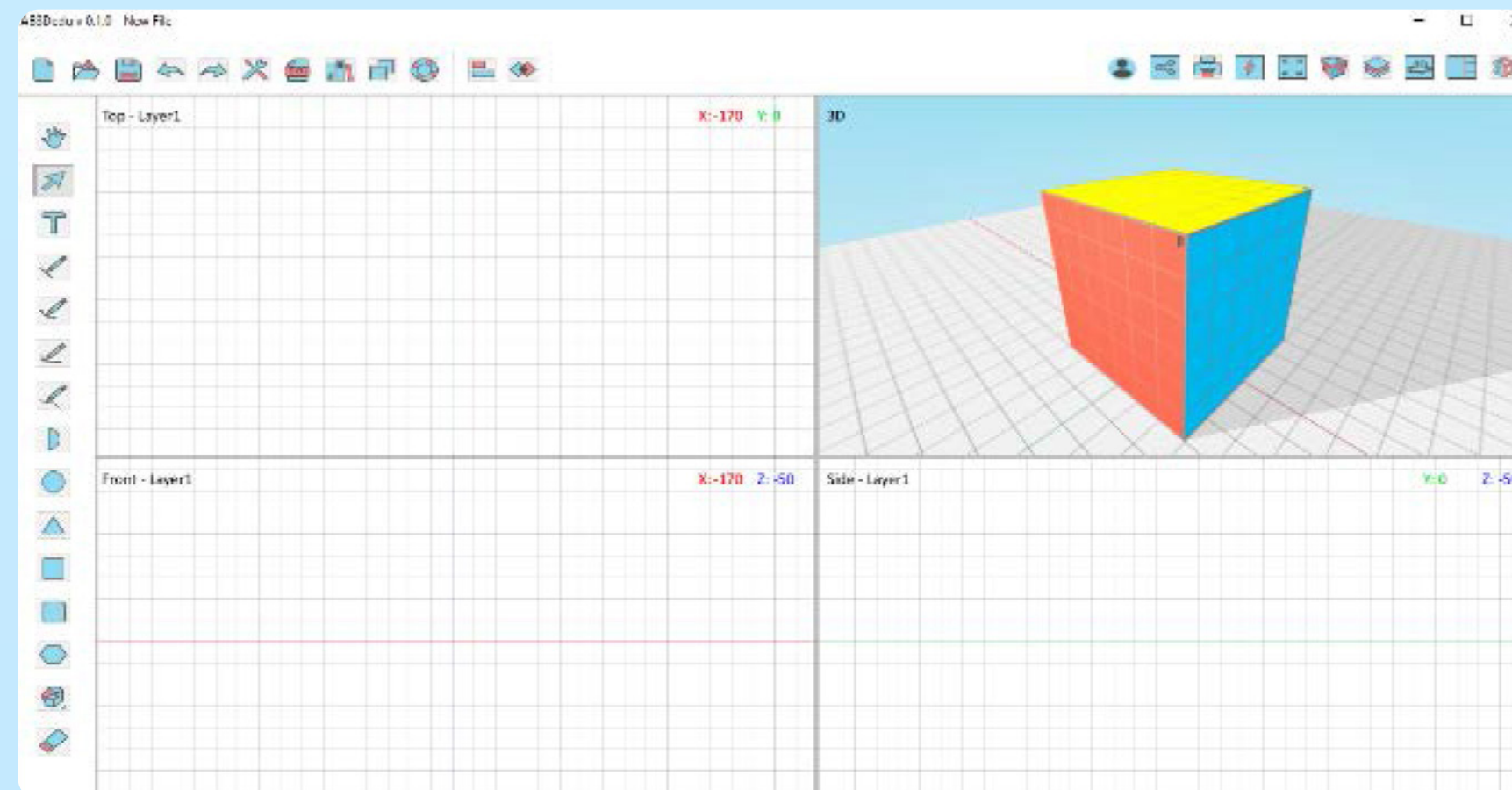
### Step list of The Heart design project video

(Design following the instructor)

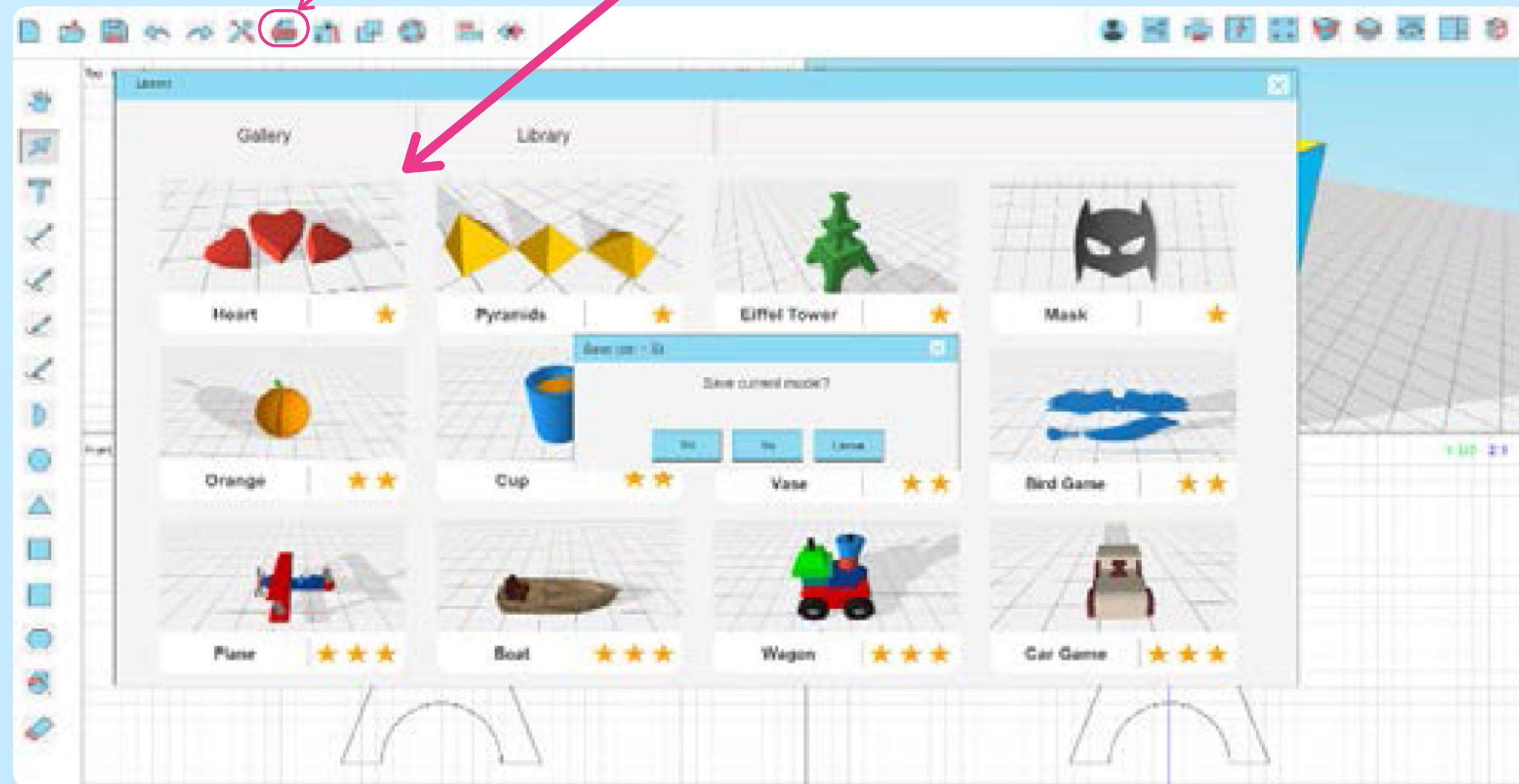
1. Open App
2. Click on the second button to toggle to the 4 2D views






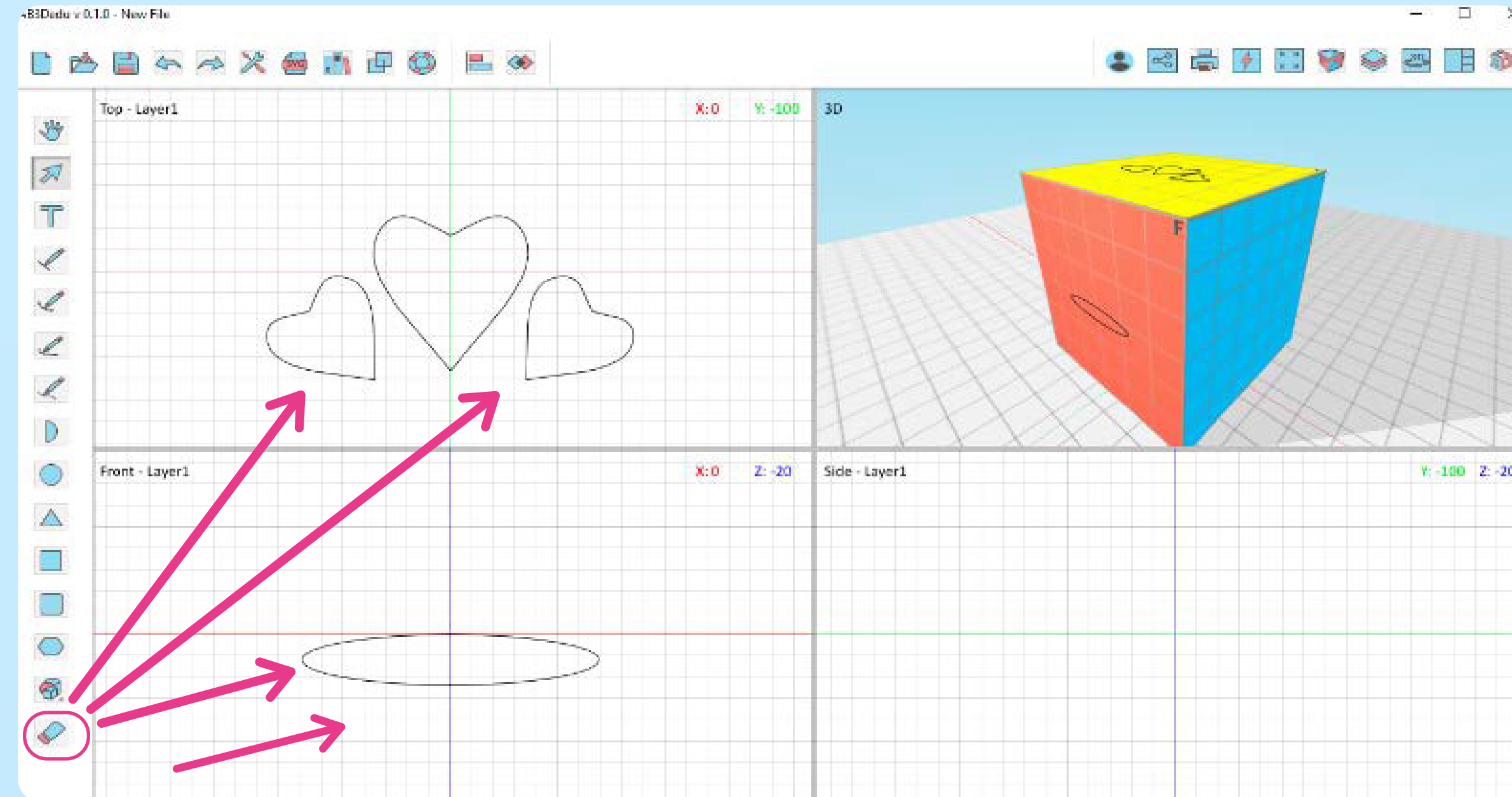
3. Click on the 3<sup>rd</sup> button to toggle to 3D view
4. Go back to the 3 views



☁️ 5. Click Gallery/Library ☁️ 6. Select the 3 hearts

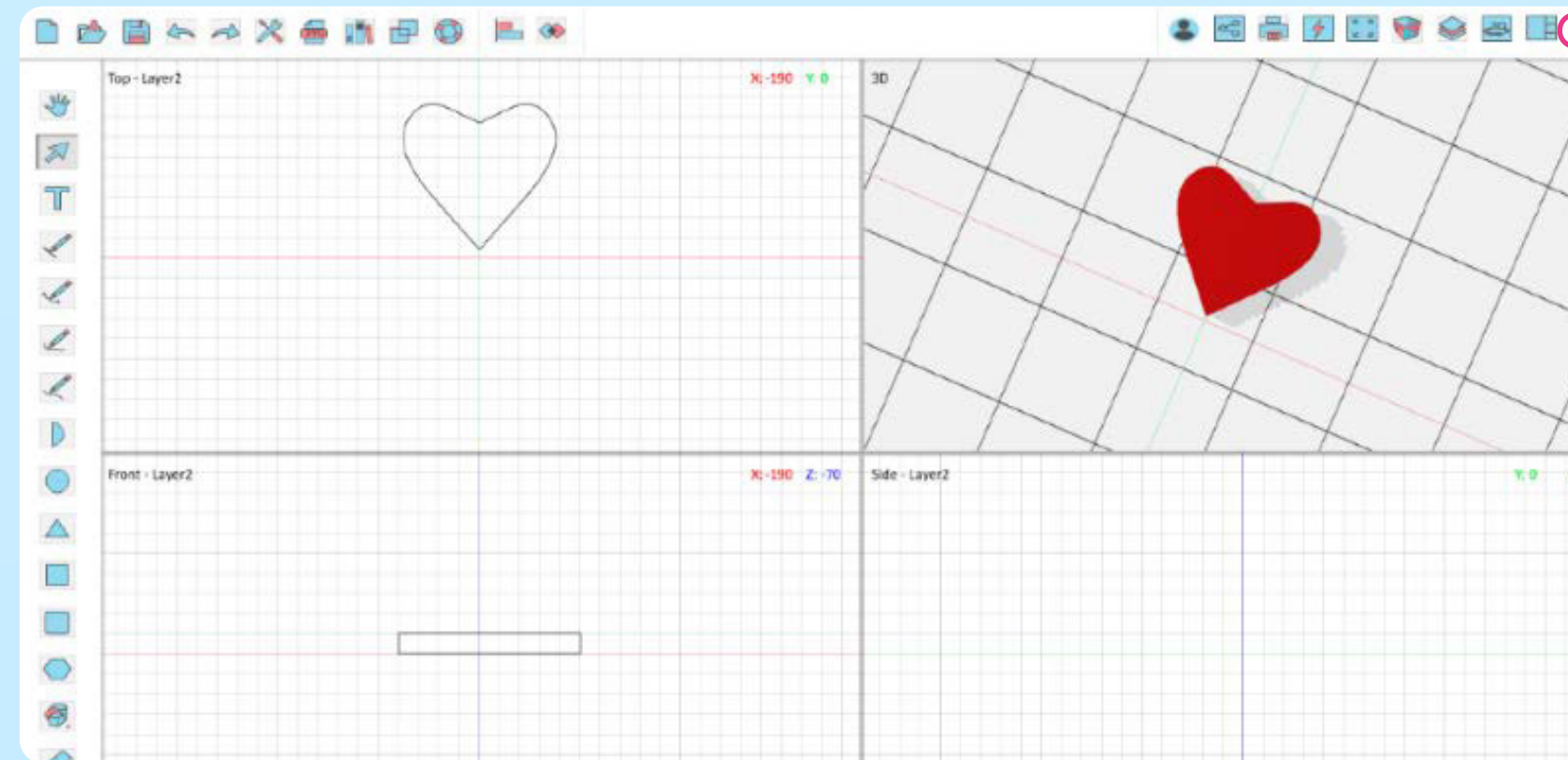


-  **7. Select eraser**
-  **8. Erase the two small hearts**
-  **9. Erase the oval from front**

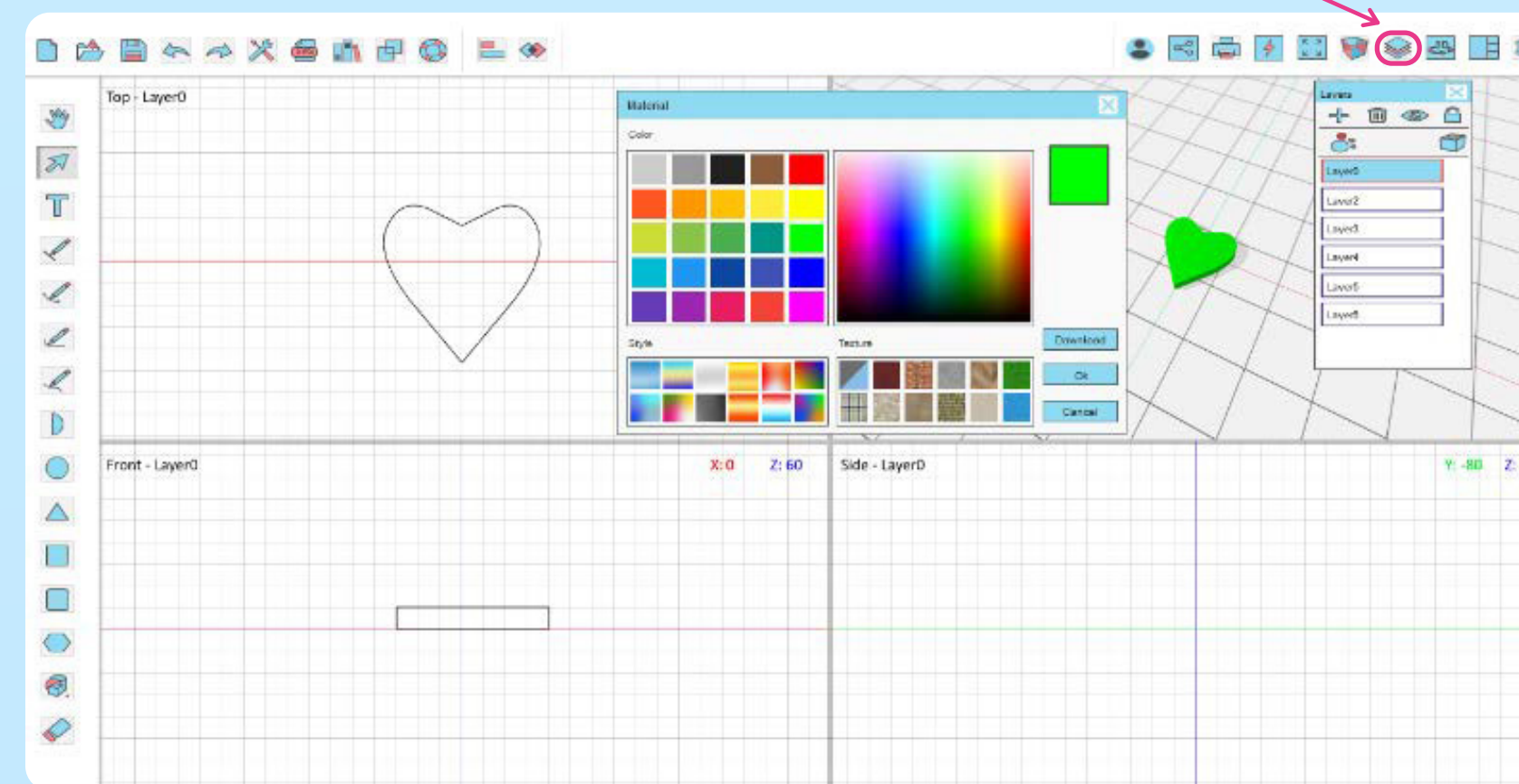


-  **10. Draw a shallow rectangle instead**

11. Click on the Solve button to see your 3D design



12. Select layers and color palette to color the heart to your taste



☁️ 13. Left click on the heart to turn it right and left

☁️ 14. Right click on the heart to zoom in and out

To Save the design as .ab drawing file:

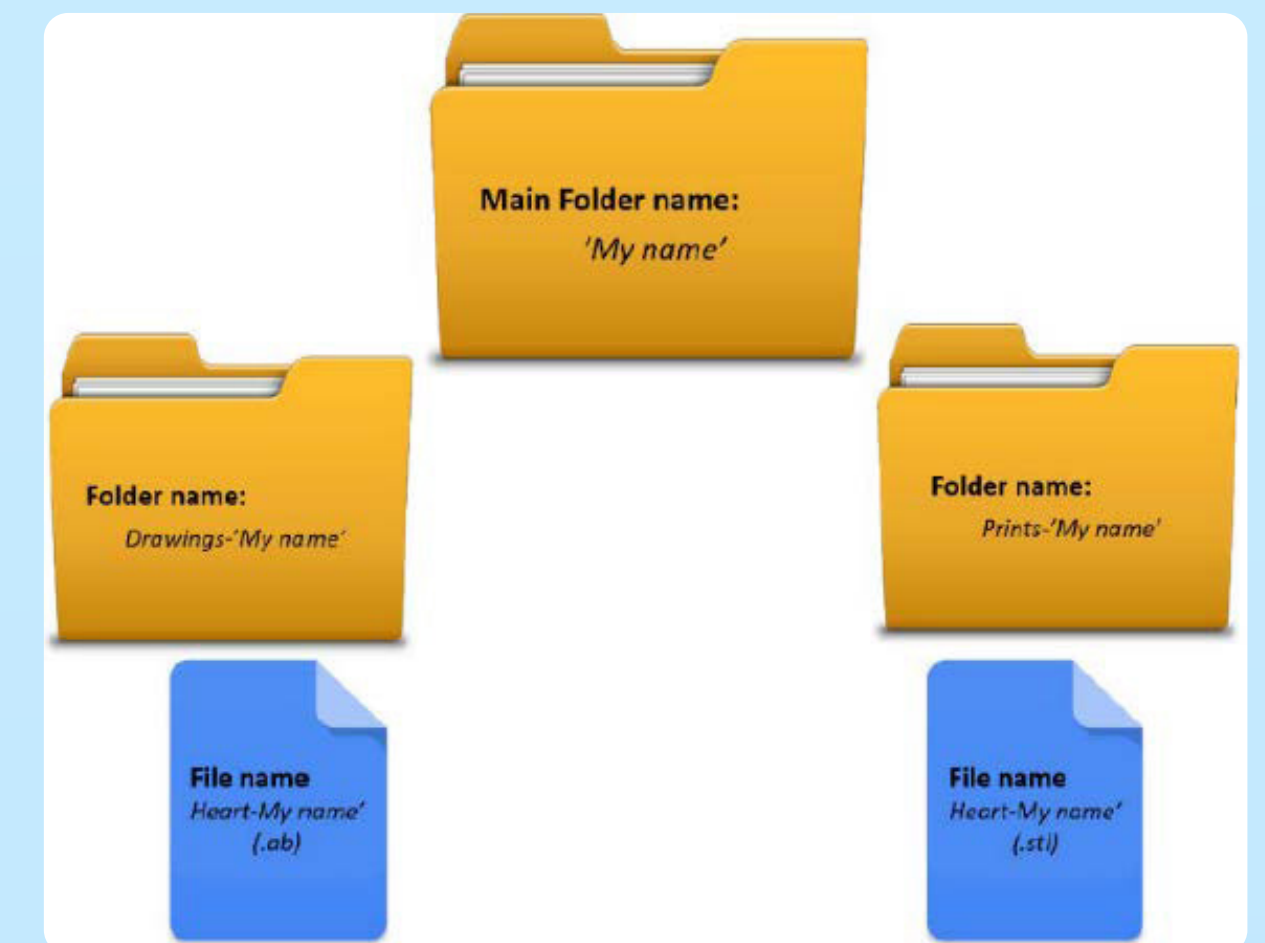
☁️ 15. Click on save



☁️ 16. Make a new folder on desktop and rename it in YOUR NAME  
(this will help you to find it later)

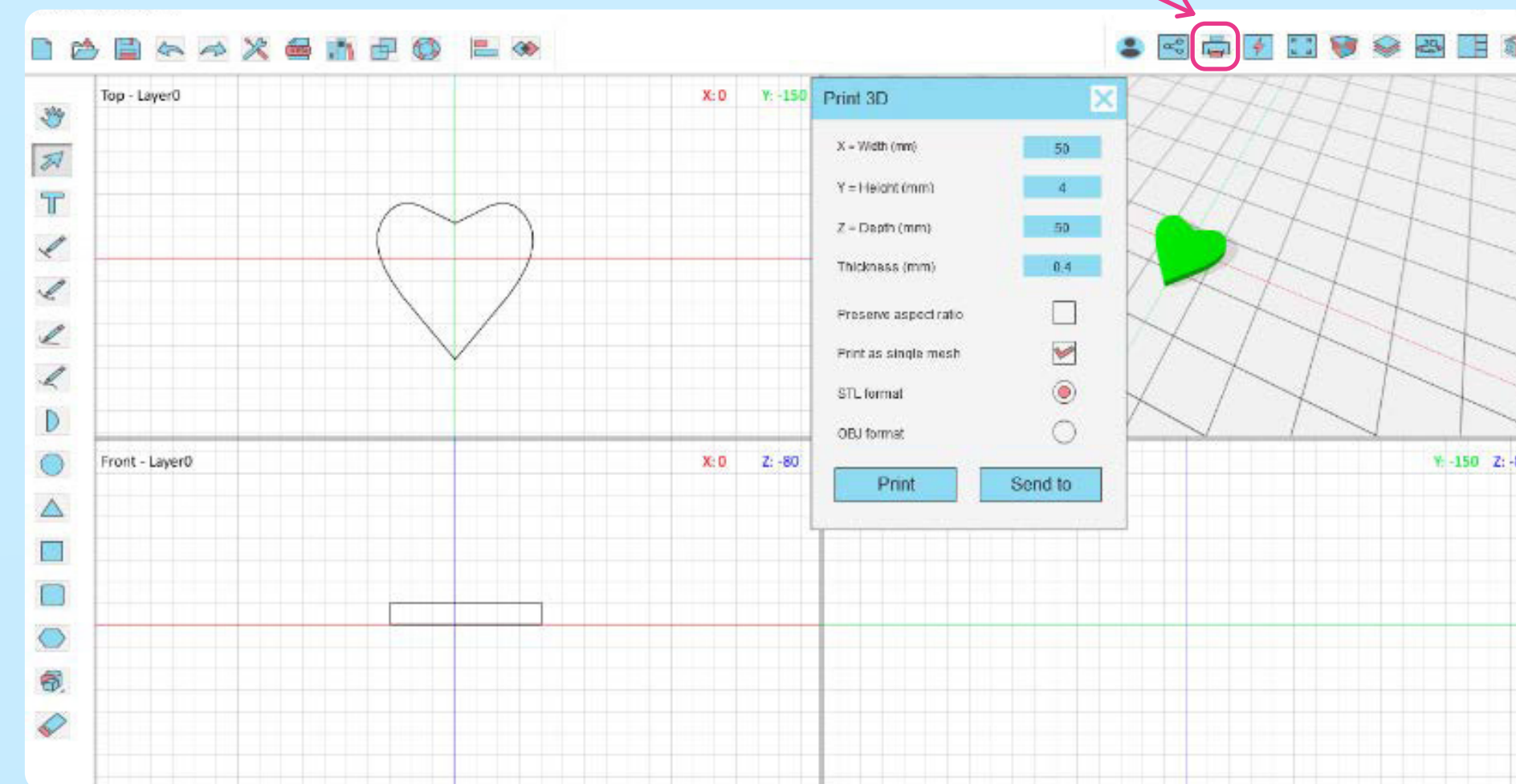
☁️ 17. Open the folder and make another folder inside it and rename it **DRAWINGS + YOUR NAME**” this is where you will save your drawings






☁️ 18. Open the drawing folder and save your drawing file as **HEART + YOUR NAME** –  
(it will be saved as .ab file)



To save your design as a ready to print .STL file

 **19. Click the print menu**



-  **20. Change dimensions of your heart to 50x50x4 –**
-  **21. Click on STL and then click print – (to save your design as a .STL print file)**
-  **22. Open your folder that you named YOUR NAME and make a new folder inside –**
-  **23. Rename your new folder PRINT FOLDER –**
-  **24. Open your print folder and save your heart under HEART + YOUR NAME – it is now saved as a .STL file**