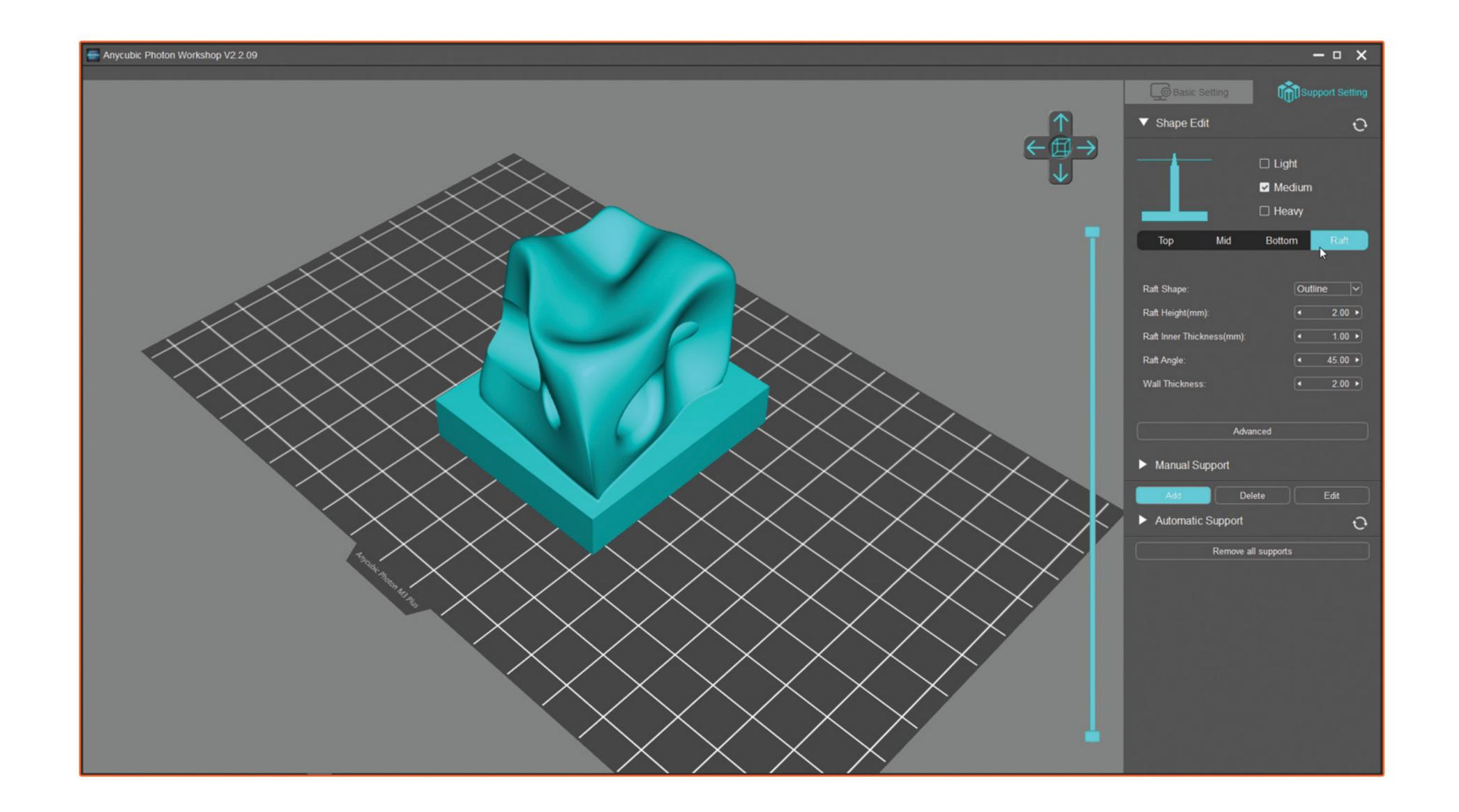
HOW TO 3D PRINT WITH THE



MAKERSPACE HOW TO GUIDE

ANYCUBIC RESIN PRINTERS USING THE PHOTON STUDIO





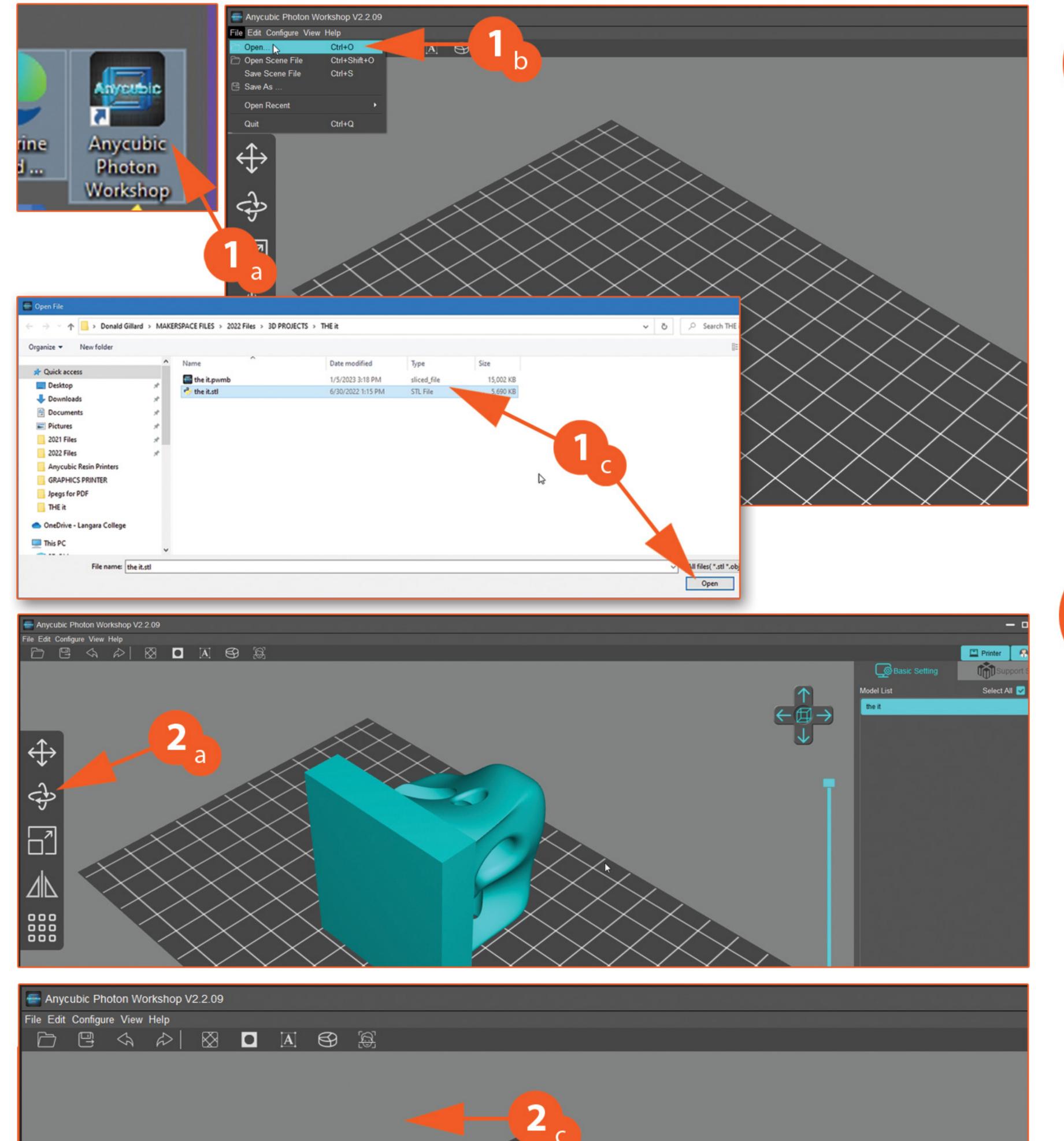








ANYCUBIC RESIN PRINTER - HOW TO GUIDE PHOTON STUDIO - FILE SETUP





2

1a - Open Photon Studio

1b - Open file.

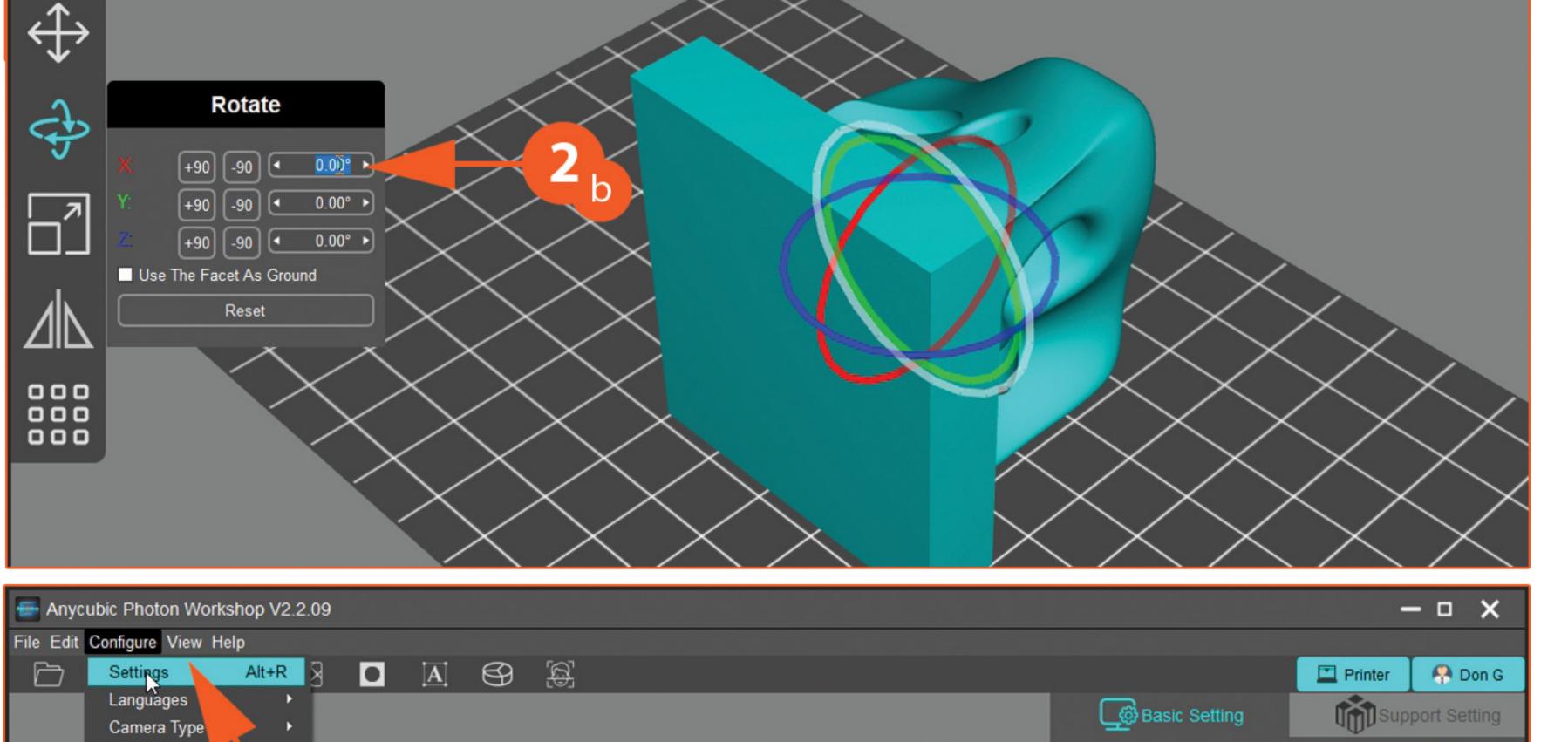
1c - Select your; STL, OBJ or 3MF File.

At this stage you should rotate your object (if necessary)to the best position.

2a - Select the Rotate icon.

2b - Type in the degrees you want to Rotate in the correct Axis. Our example wants to rotate the object down onto its flat base. We select the X axis (red) and type in 90 degrees.

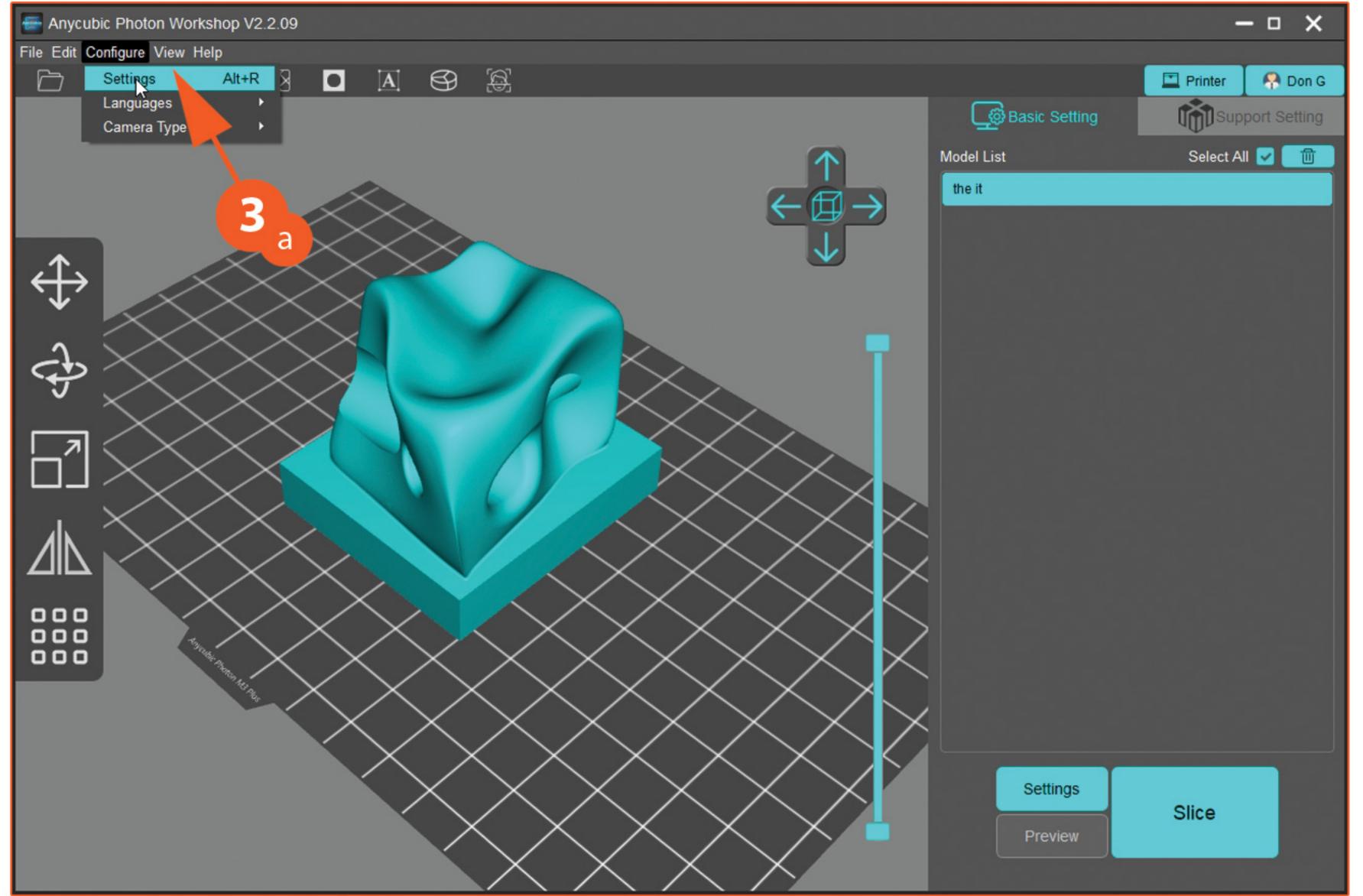
2c - After it rotates, Click anywhere in the window to



close the menu.

3



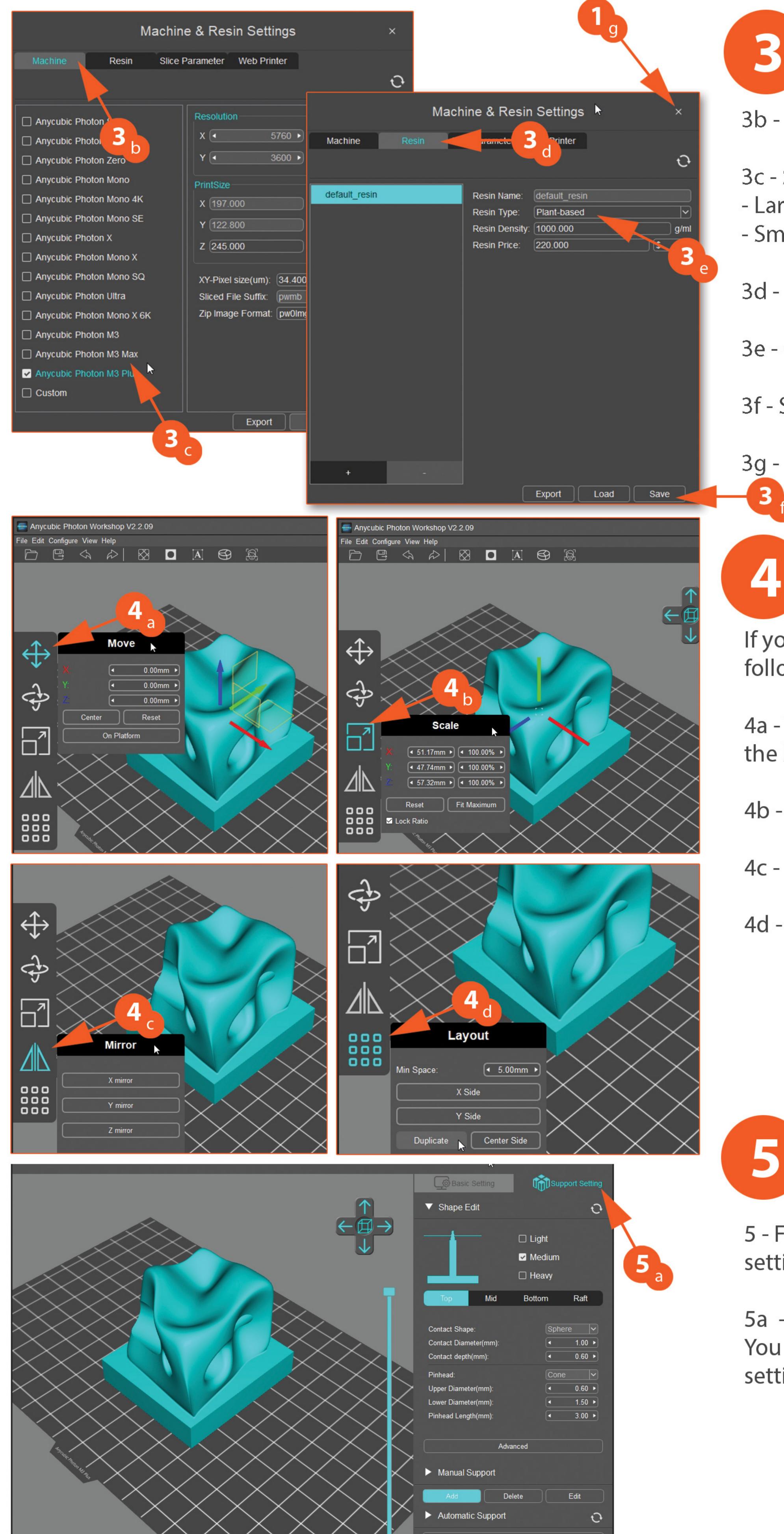


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ANYCUBIC RESIN PRINTER - HOW TO GUIDE PHOTON STUDIO- FILE SETUP



3b - On The Machine Tab.

- 3c Select the printer you are using:
- Large Anycubic is the Anycubic Photon M3 Max
- Smaller Anycubic is the Anycubic Photon M3 Plus

3d - Select the Resin tab.

3e - Choose Plant Based.

3f - Save the settings.

3g - Close the window.

If you want to modify other settings use the following lcons:

4a - To **Move** your object (object centered is always the best position).

4b - Scale your object.

4c - Mirror your object.

4d - Duplicate your object.

5 - For advanced users only, to modify the support settings. By default the supports are auto generated.

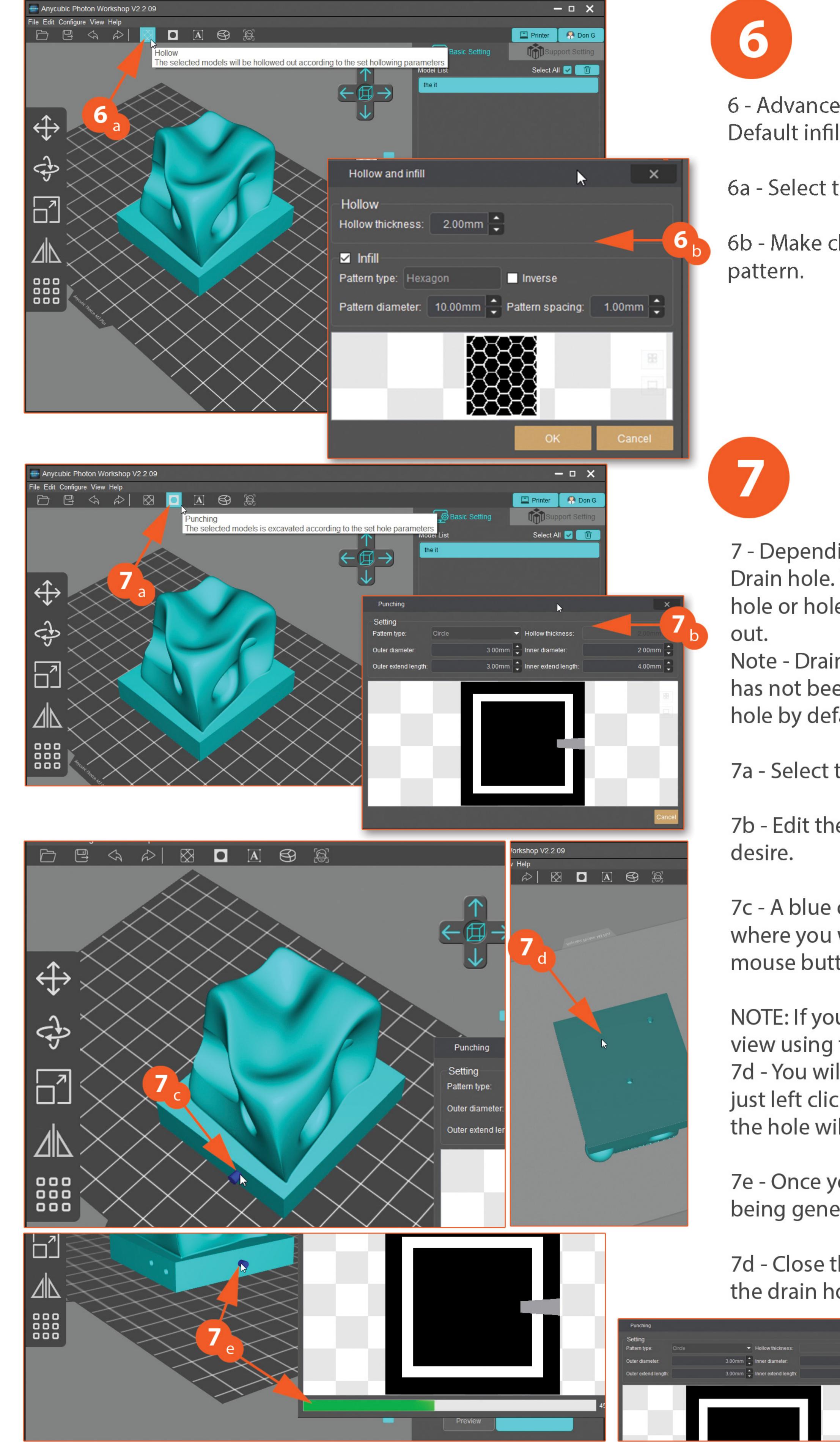
5a - Select The Supprt Settings Tab. You then can modify all of the support and raft settings.

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ANYCUBIC RESIN PRINTER - HOW TO GUIDE PHOTON STUDIO - FILE SETUP





6 - Advanced Users, if you want to modify the Default infill settings....

6a - Select the Hollow icon

6b - Make changes here to the thickness, infill and



7 - Depending on your mesh, you may want to add a Drain hole. If your object has a solid mass, the drain hole or holes will allow the uncured resin to drain

Note - Drain holes are used to drain out resin that has not been cured by the light. There is no drain hole by default.

7a - Select the Punching icon.

7b - Edit the settings here, for the drain hole if you

7c - A blue cylinder icon will appear. Move it to where you want a drain hole. Then Left Click your mouse button, this will create the hole.

NOTE: If you want a hole on the bottom, rotate your view using the Right mouse button & scroll click. 7d - You will not see the blue icon at the bottom, but just left click your mouse where you want the hole, the hole will appear.

7e - Once you click a hole, you will see a green bar being generated on the settings menu.

7d - Close the menu when you are finished making the drain hole or holes.

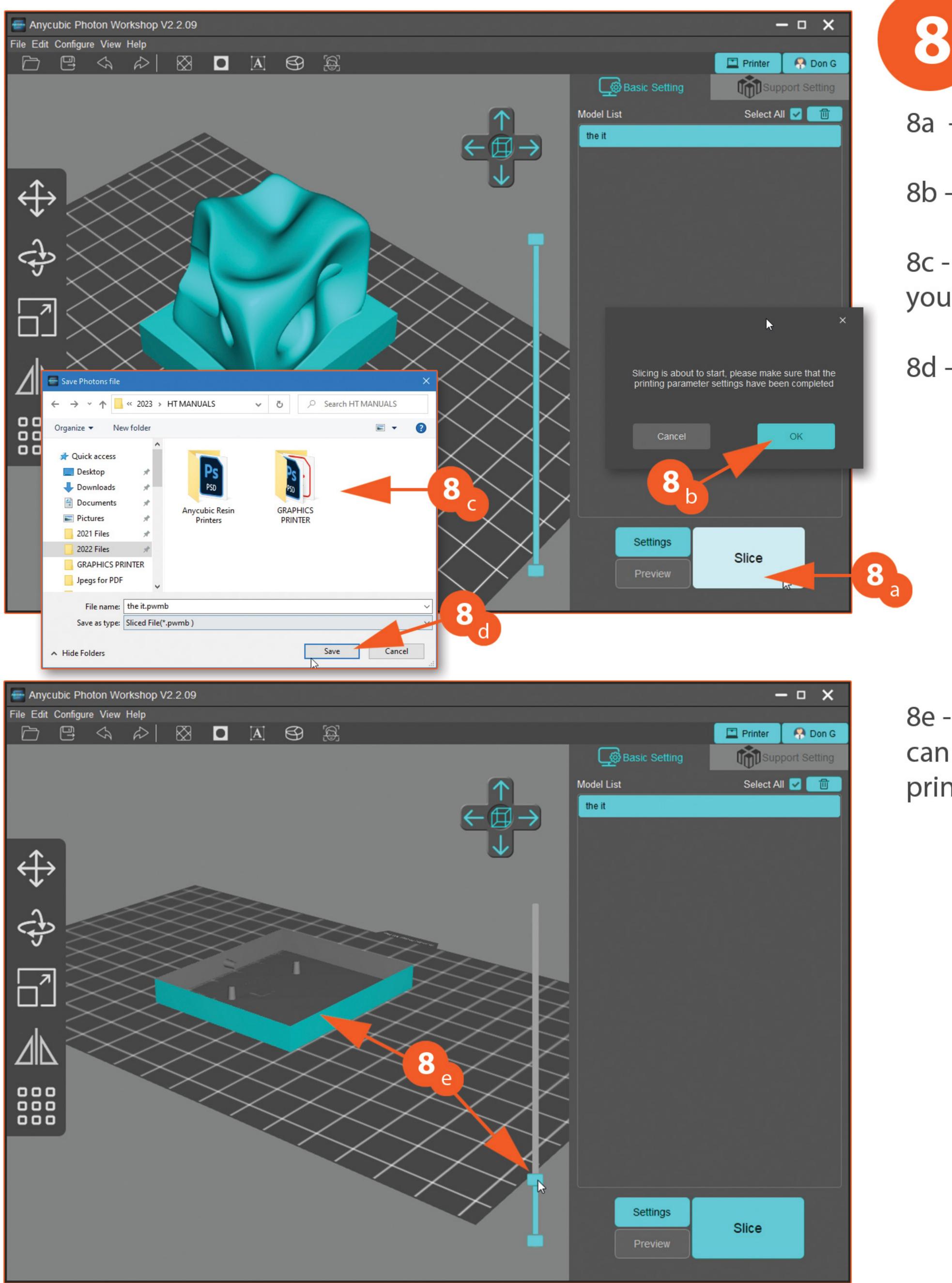
4.00mm

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ANYCUBIC RESIN PRINTER - HOW TO GUIDE PHOTON STUDIO - SLICING



8a - Click On Slice.

8b - Click Ok.

8c - Locate the USB drive or folder you want to save your file to.

8d - Save your file.

8e - If you want to see how the object will print, you can use the slider to see the different stages of the print.

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