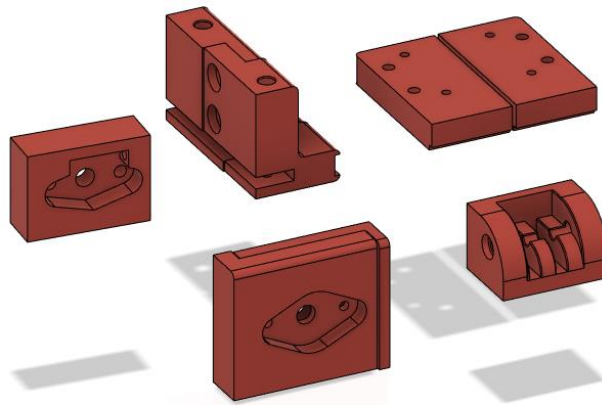


Session report 11

Before the session:

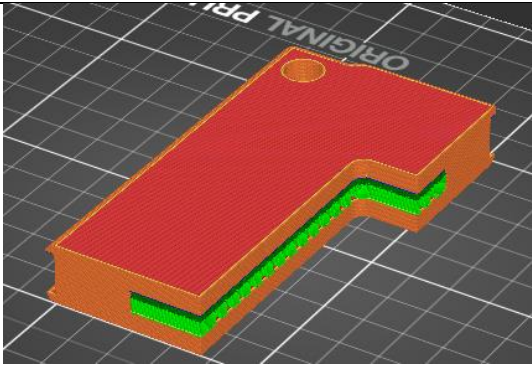
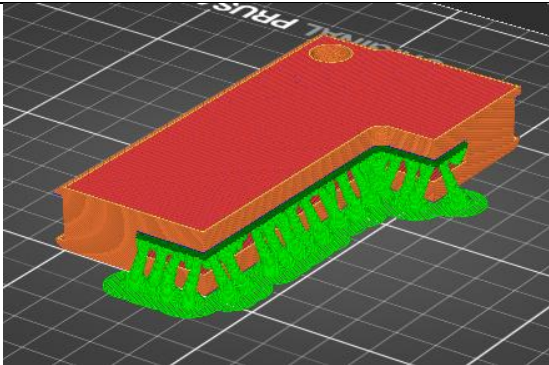
I've now had nearly finished the new frame and wanted to test some parts that I redesigned. So, I extracted only some sections of the model to print them. I do not directly print the whole piece because it takes 10 hours for each 4 parts of the frame and when only printing the section needed, I can do it in 6 hours instead of 40. The different parts I printed can be seen on the image bellow.



I had multiple problems during this print, I've had to restart it 3 times. The two first times the nozzle got clogged and the third time there was serious layer shifting. I hadn't the top part of the pieces but it wasn't a too big problem because I could test most things what I wanted to test.

After testing if everything fitted and changing on the 3D model the corresponding dimensions, I extracted a new section that still needs to be printed. I need to test if the RGB and the plexi plate are fitting and if the support won't be too difficult to remove, else I will have to change the design.

As we can see in the table below, I can choose between the two types of support, both have their pros and cons. Supports are in light and dark green.

	
This is with snug type supports	This is with organic type supports