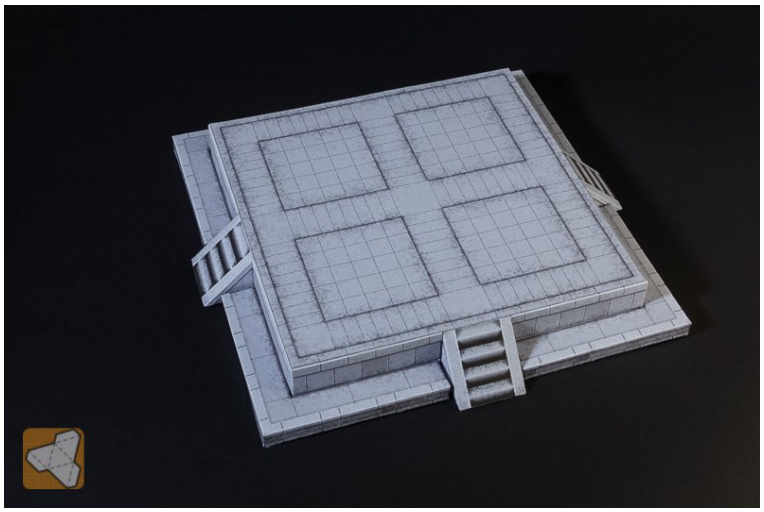
Foundations for the Pagoda Tower and Main Hall

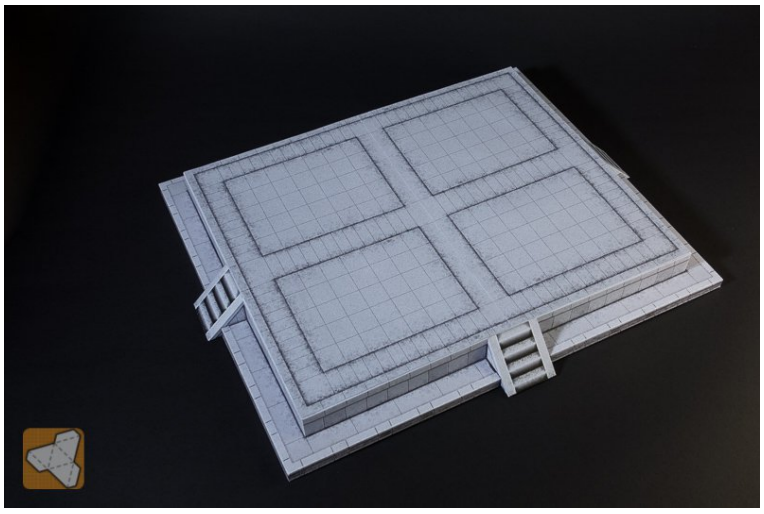
The files for the Pagoda Tower foundation are labeled with letters (A, B, C...). The files for the Main Hall foundation are labeled with an additional „x“ (Ax, Bx, …)

The Pagoda Tower has a square base but the Main Hall has a rectangular base. Please make sure when building the Main Hall foundation to pay attention to how the long and short side of the walls need to be connected! Remember that narrower brick line is on the upper side of the wall.

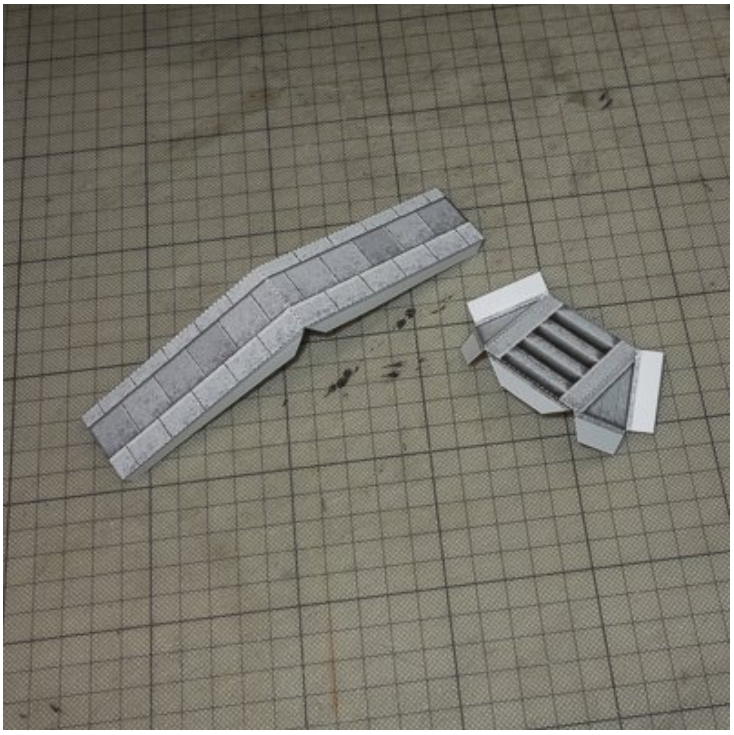
Pagoda Tower foundation reference

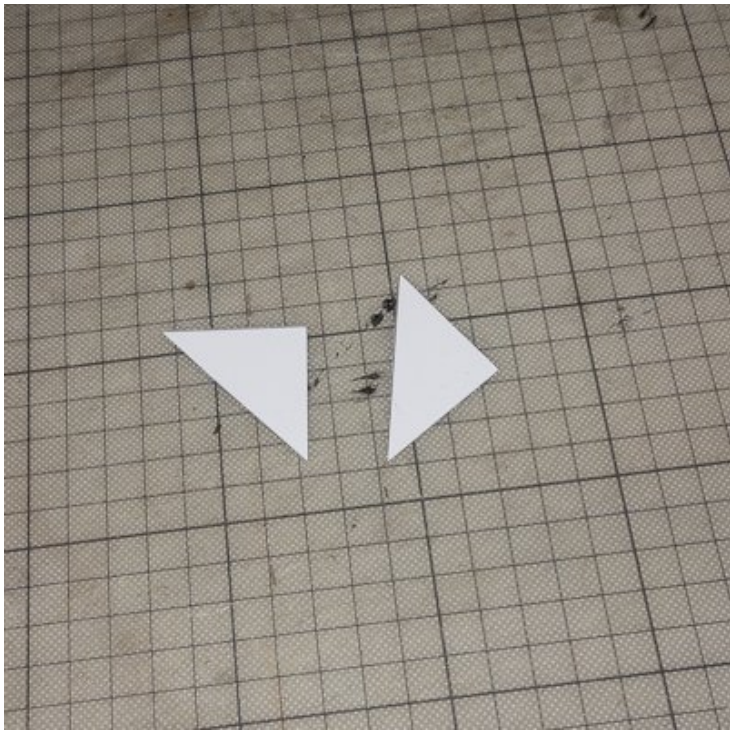


Main Hall foundation reference

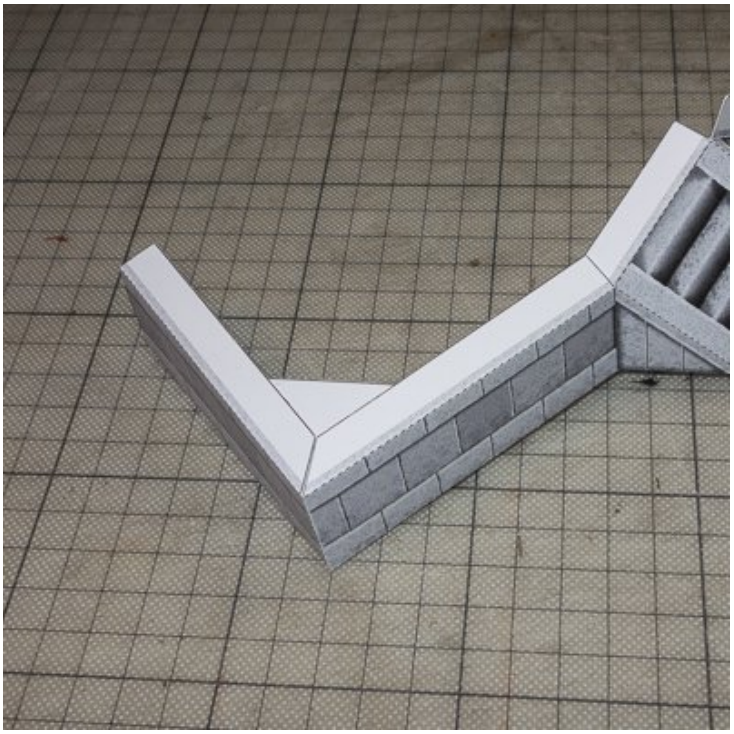


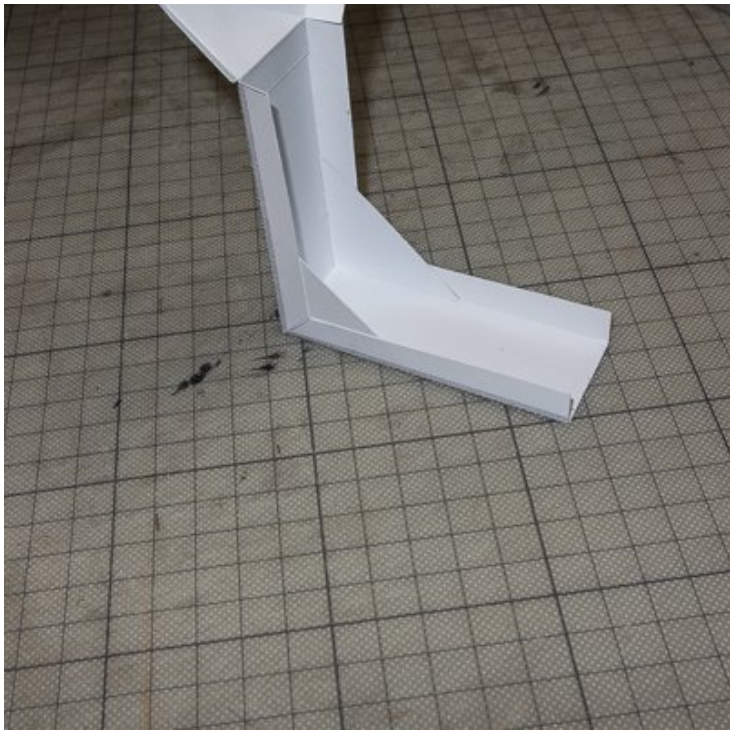
Walls: Repeat 4 times for all corners



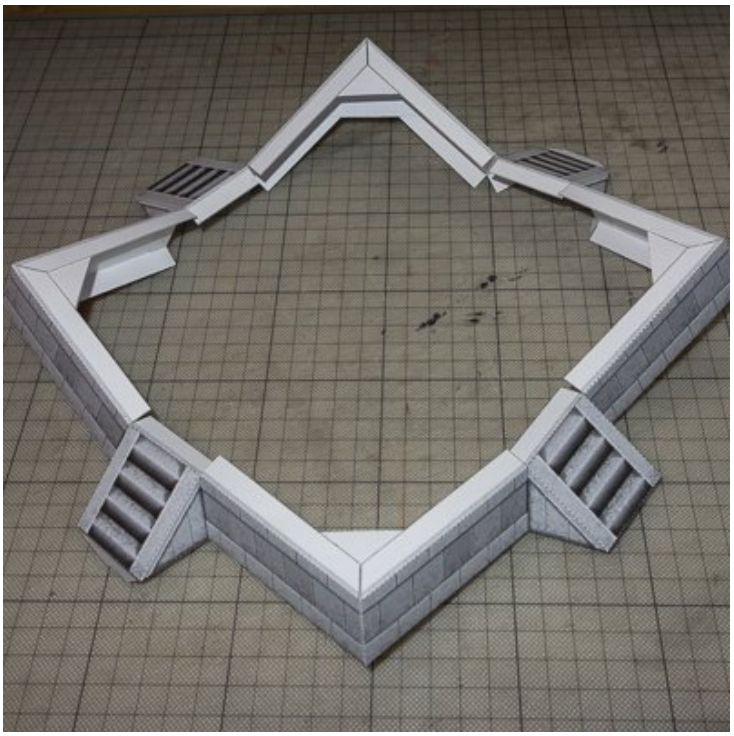


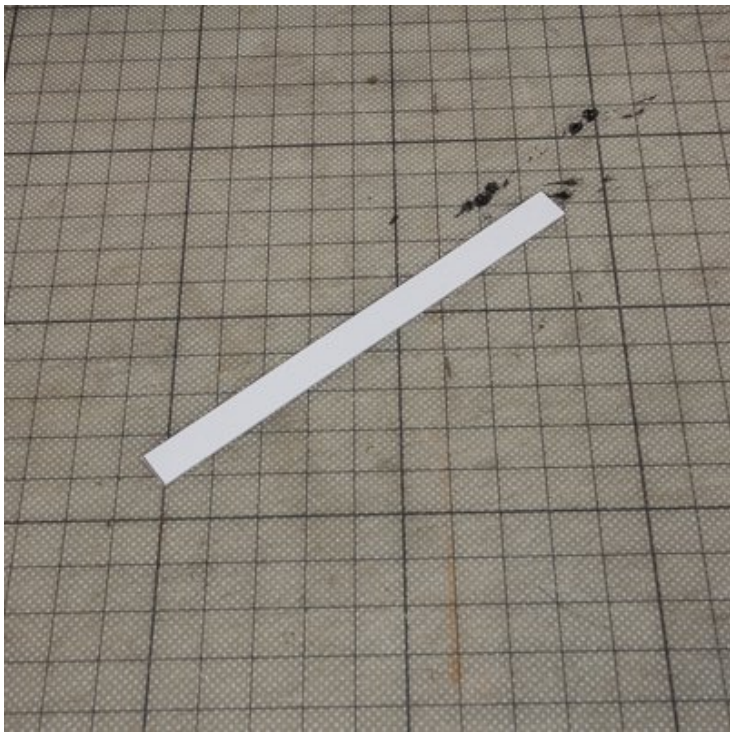
Start with folding wall and stairs parts **(1)**, **(2)** and prepare the corner stabilizers **(3)**.



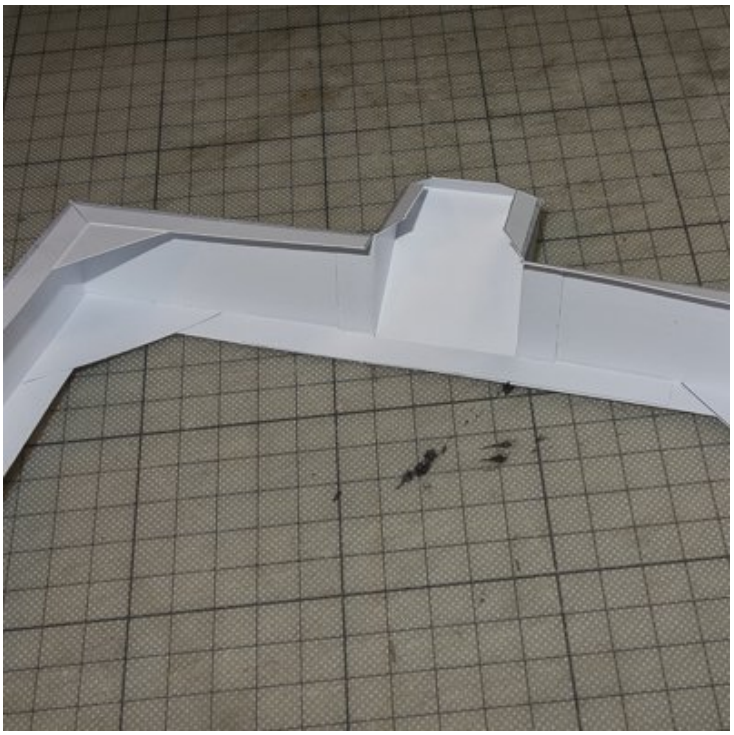


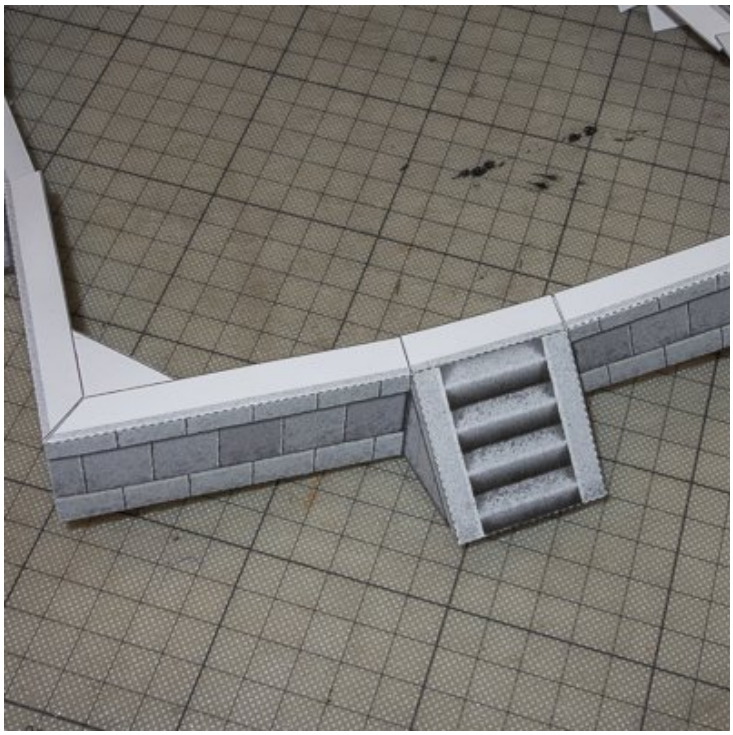
Glue a wall part **(1)** to a stairs part **(2)**. Glue the corner stabilizers as shown **(3)**.



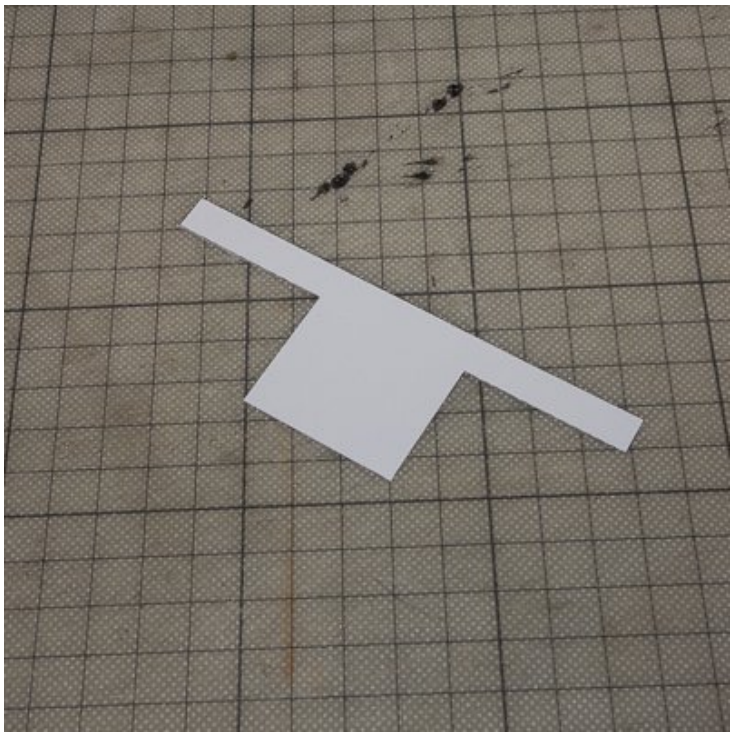


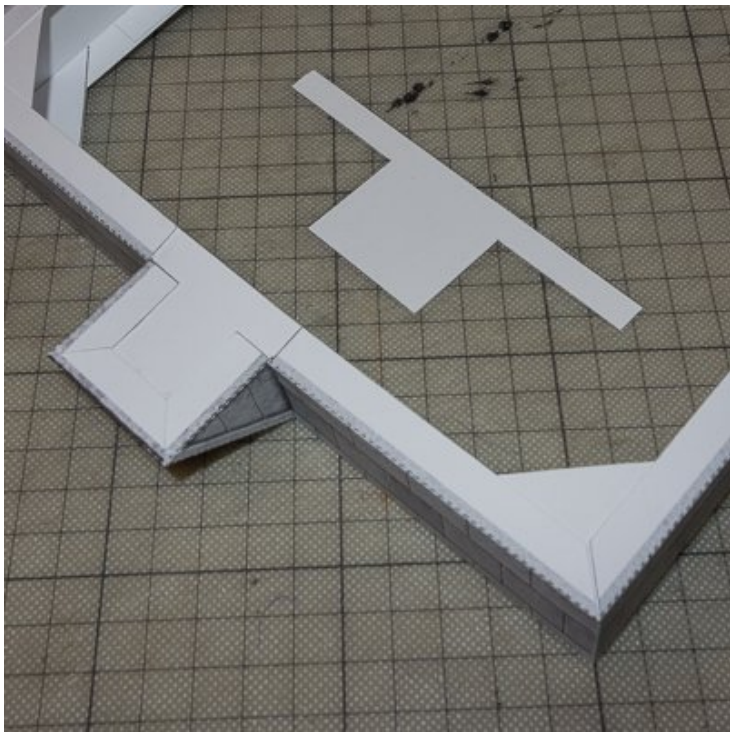
Glue all 4 corners together. Prepare the straight wall stabilizers **(4)**.



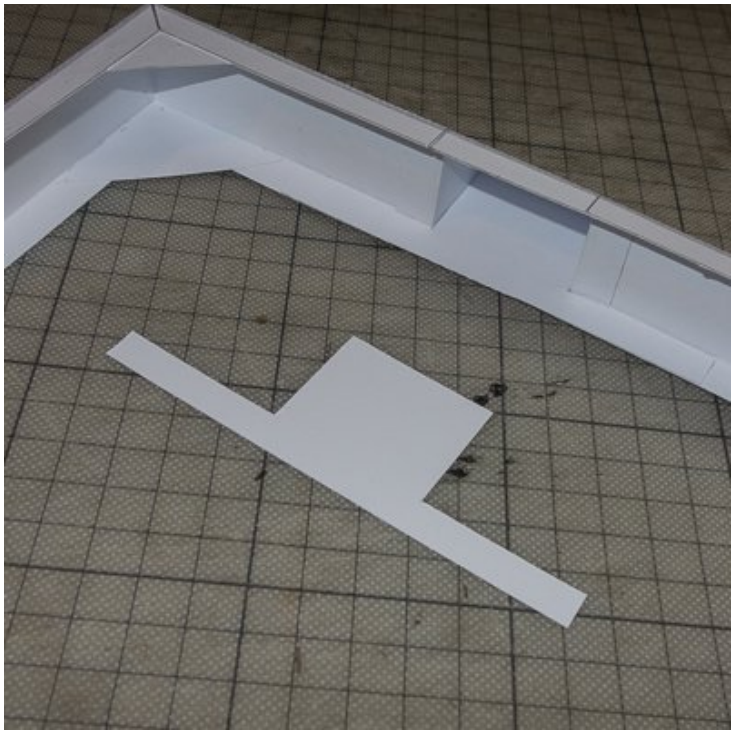


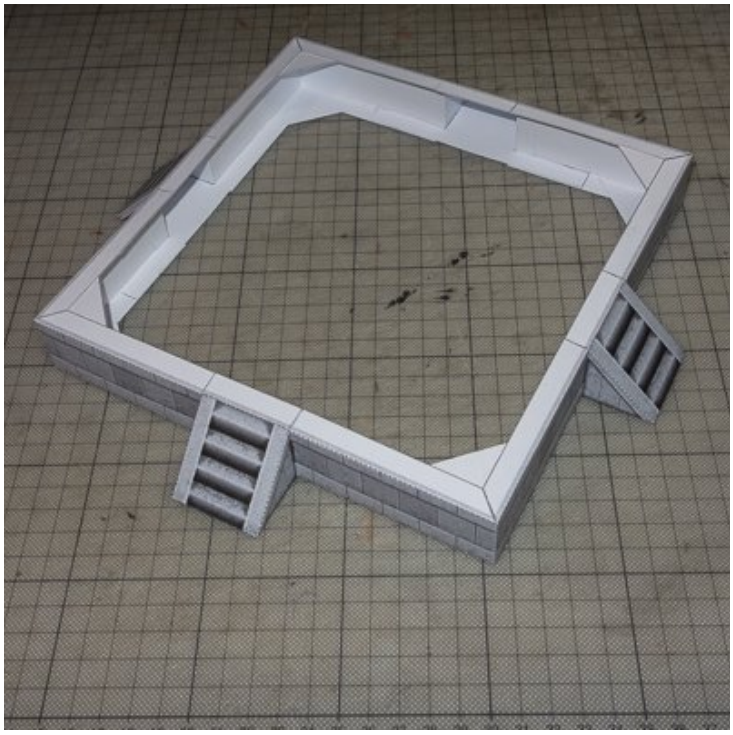
Glue the stabilizers **(4)** as shown on the inside of the upper edge of the wall to form a straight wall.





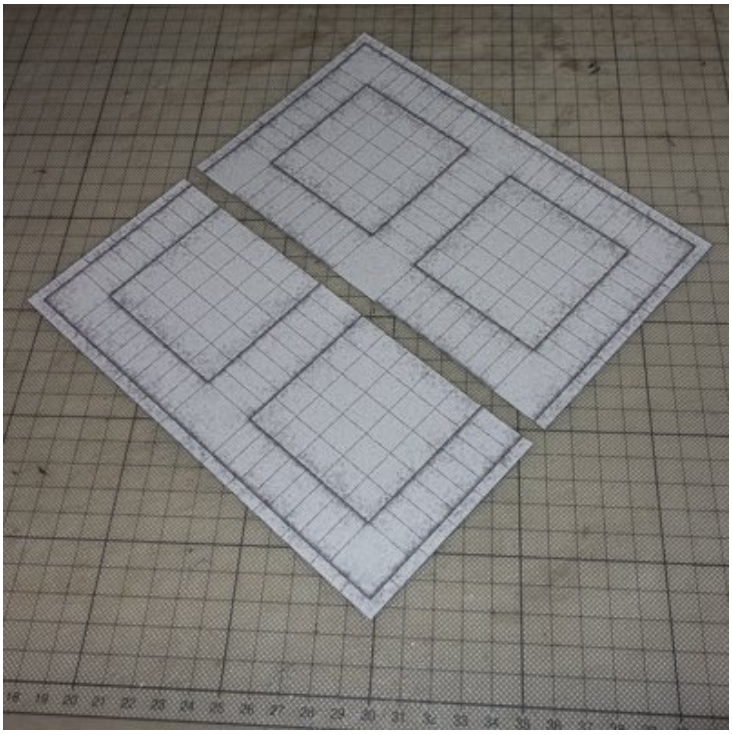
Prepare the straight wall stabilizers **(6)**. Glue them into the bottom edge of the stairs and wall as shown. In the picture both the loose and the glued part is shown.

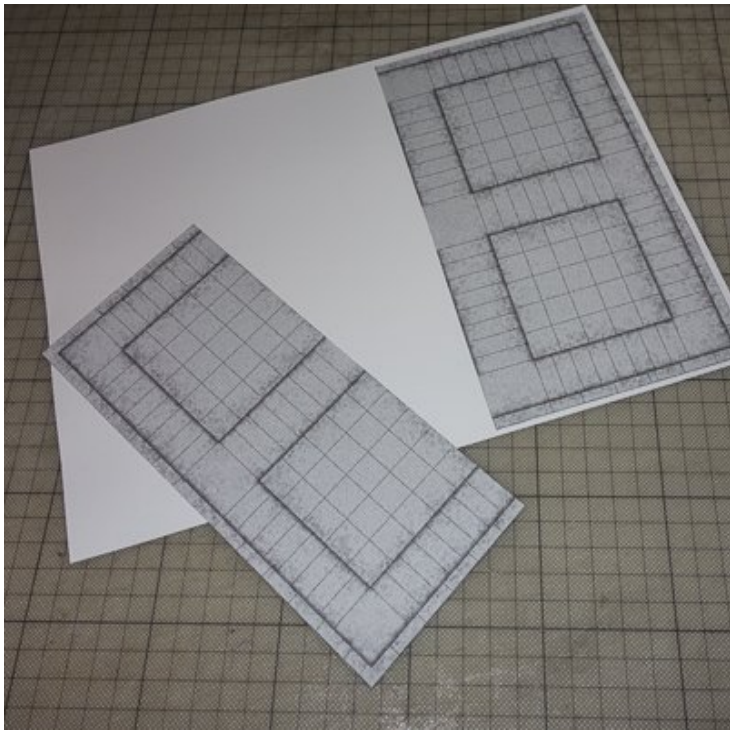




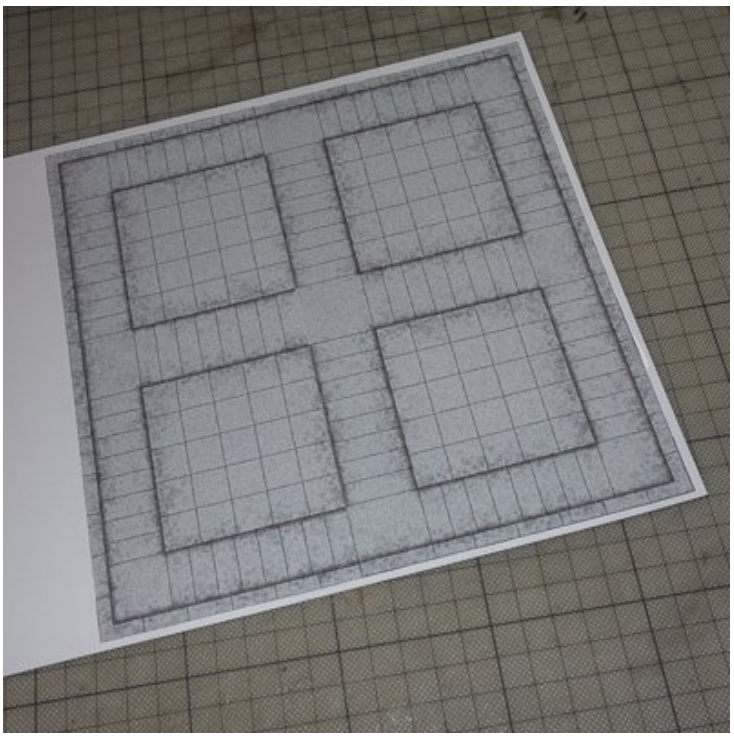
Here you see the view from the other side and the full assembly so far.

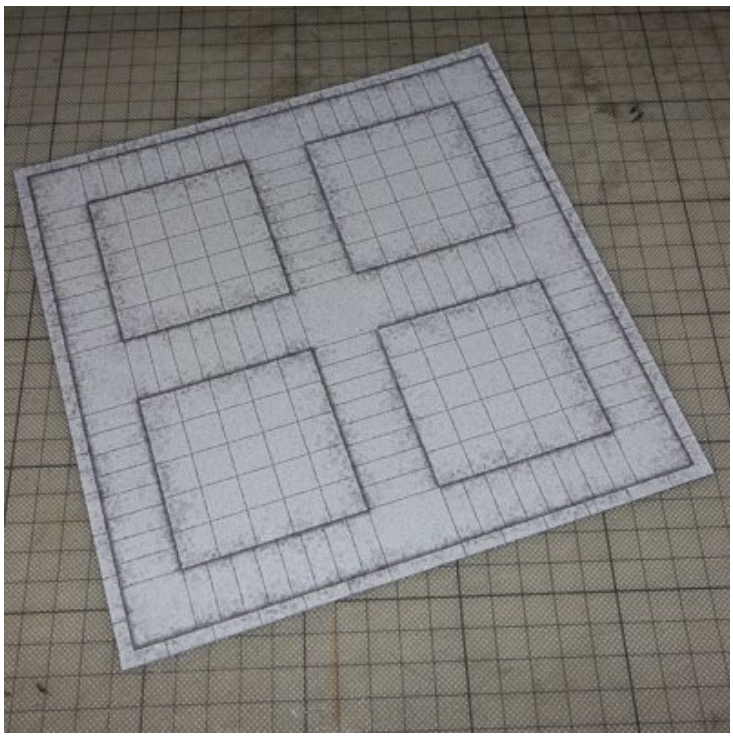
Top



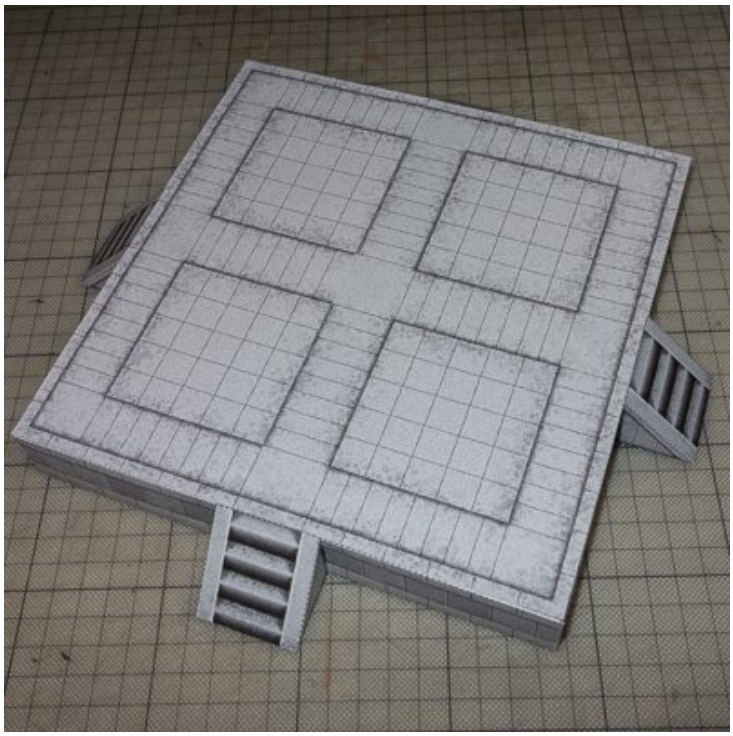


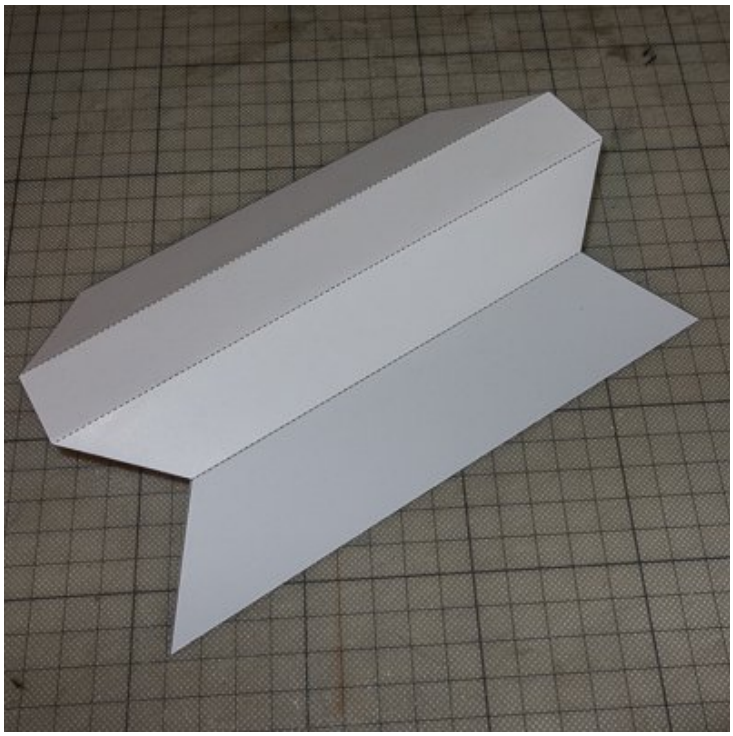
Prepare the top parts **(5)**. Make sure to cut one of the Pagoda Tower version without the „middle path“ as shown. Glue the parts onto another sheet to get a stronger top.



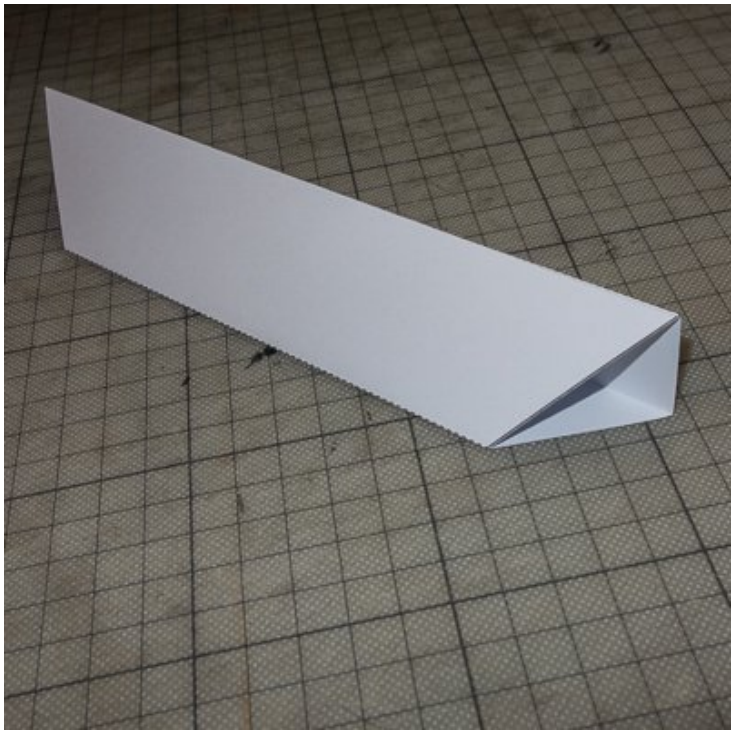


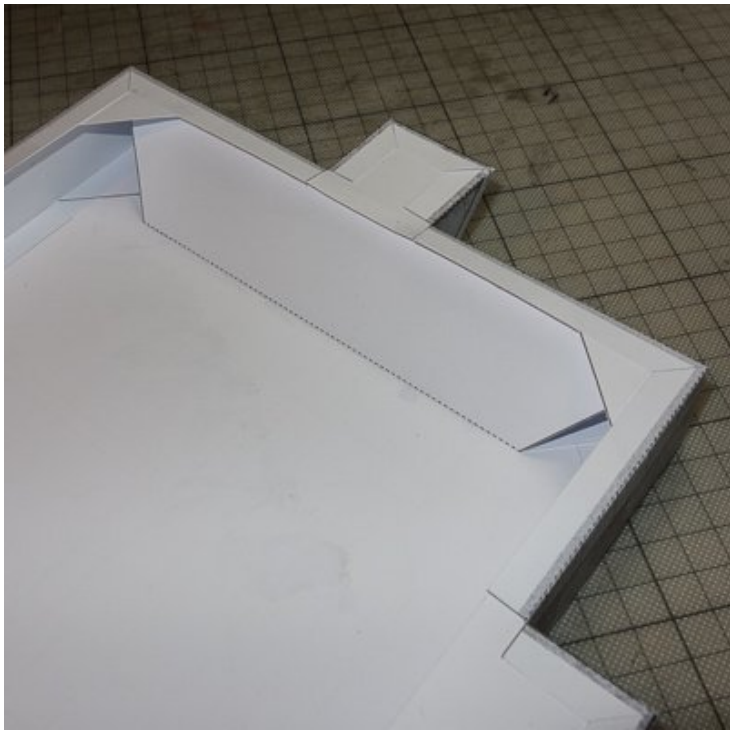
Glue both parts and cut after drying. *I recommend to let it dry a couple of hours or even over night with a big stack of heavy books to press flat.*



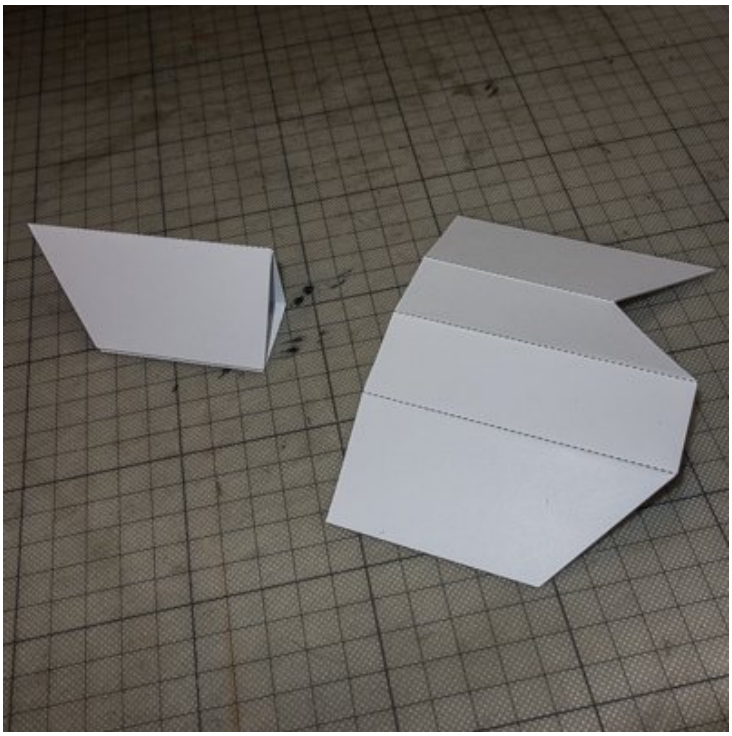


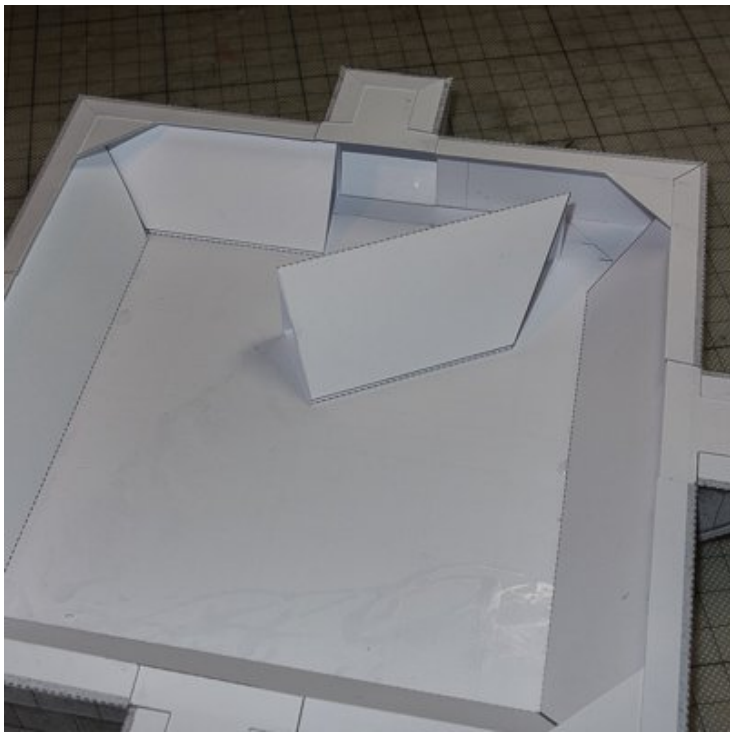
Glue the top part to the walls assembly. To make it more stable either fill the hull with a filler like foamcore, styrofoam or layers of corrugated cardboard or use the stabilizing structure parts I provide. Prepare part **(8)**.



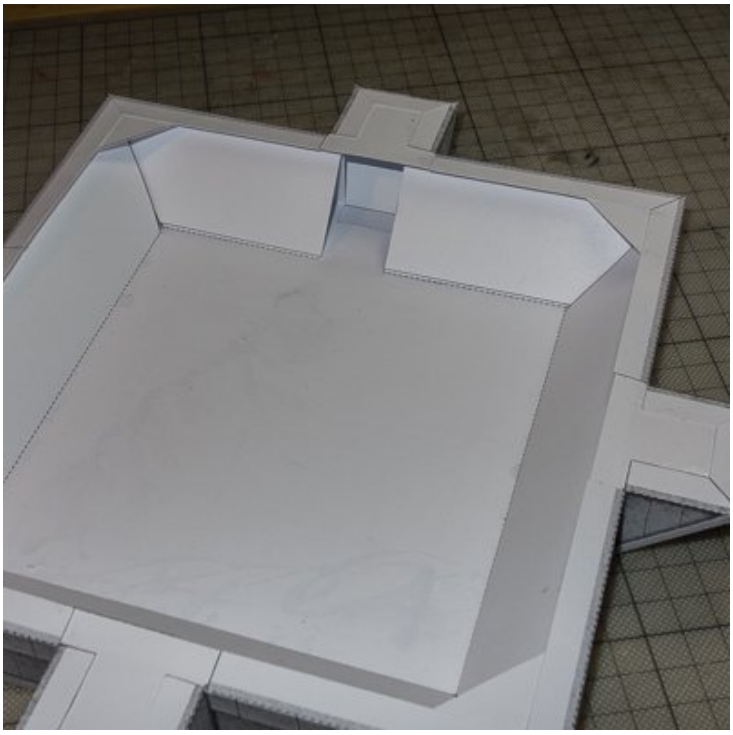


Glue the stabiliizer as shown and then glue into the inside of the assembly to fix the right angle of the top and the walls.
Repeat for 3 sides only!

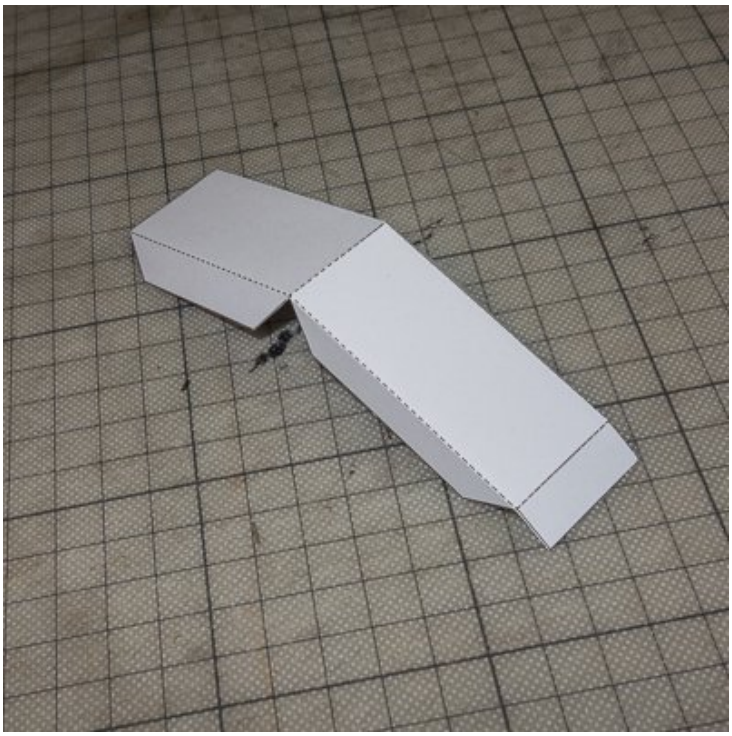


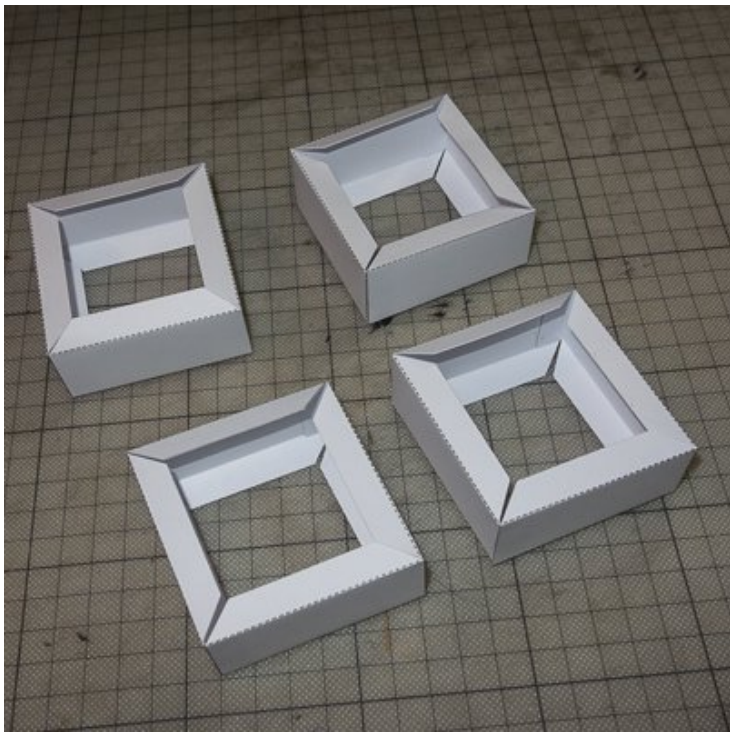


Cut the final 4th stabilizer **(8)** in two halves and remove about 1cm or1/3in from the middle cut line. Again glue the stabilizers and then one after the other glue them into position as shown.

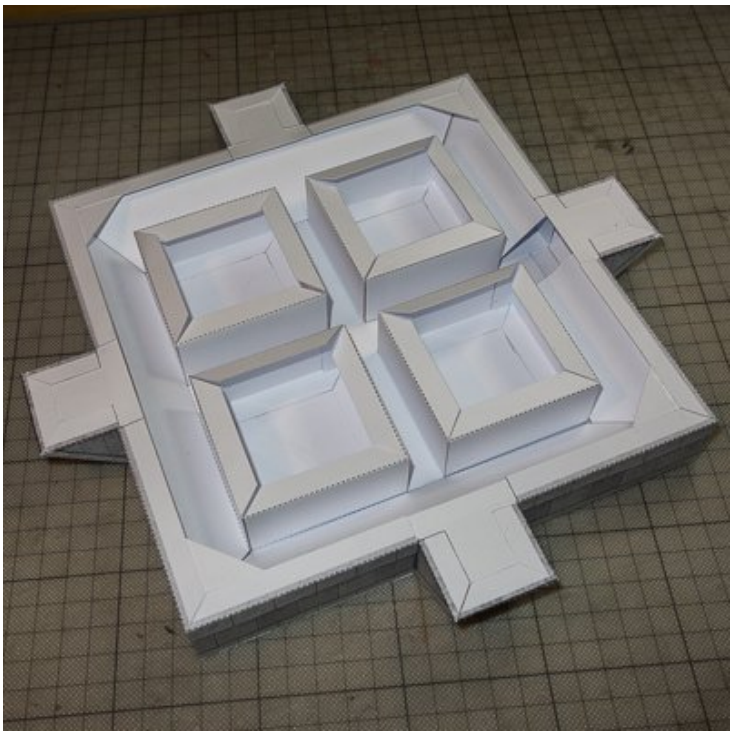


This is the assembly when completed so far.

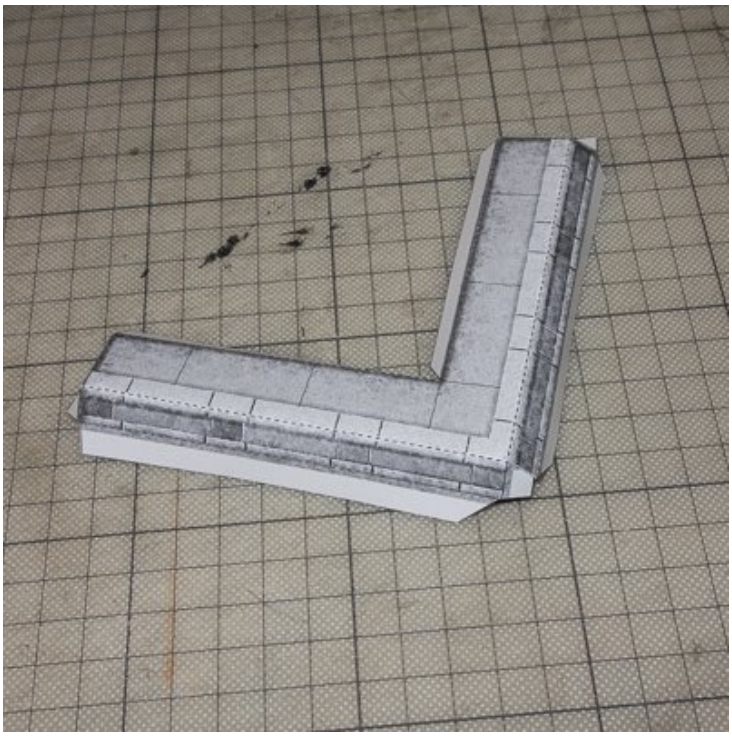


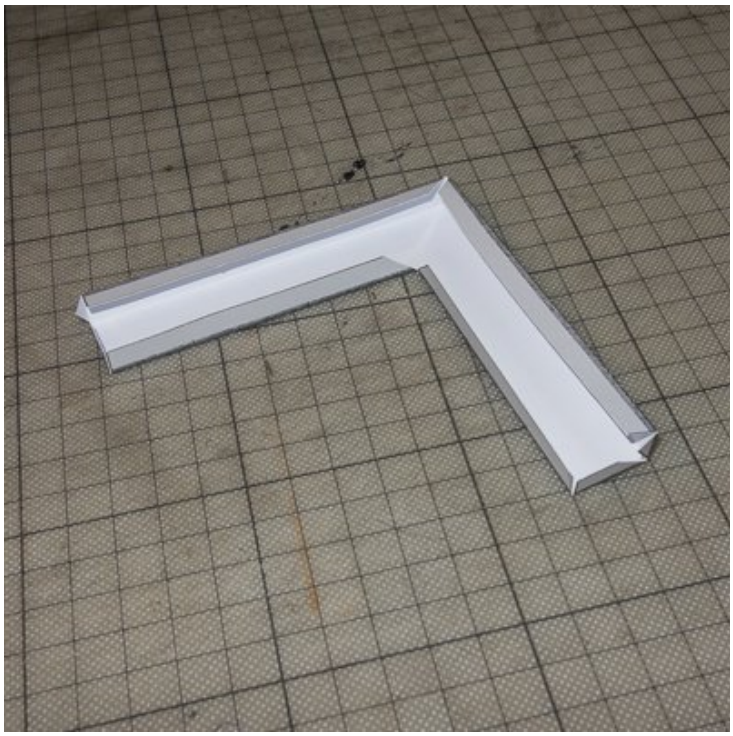


Prepare the center stabilizers **(9)** and form 4 square shapes as shown.

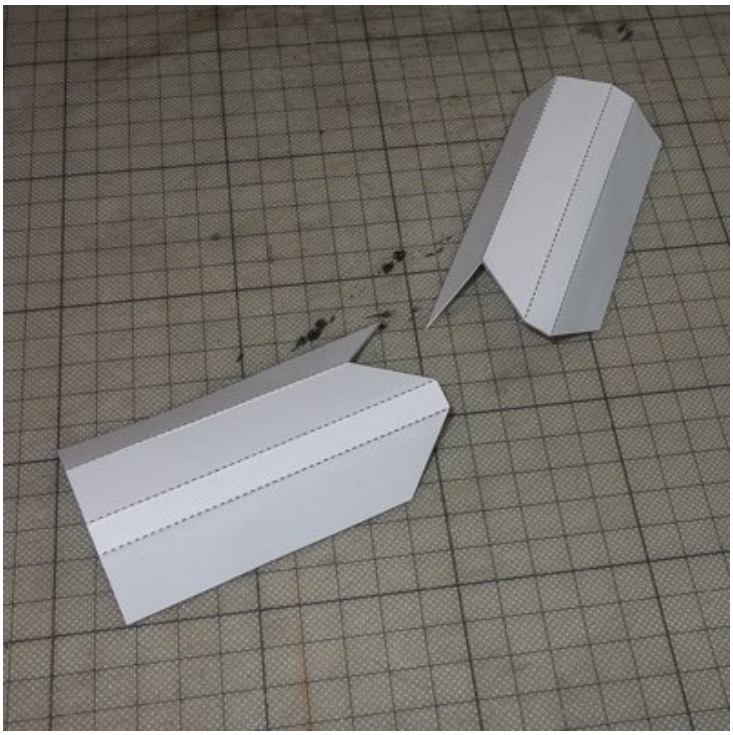


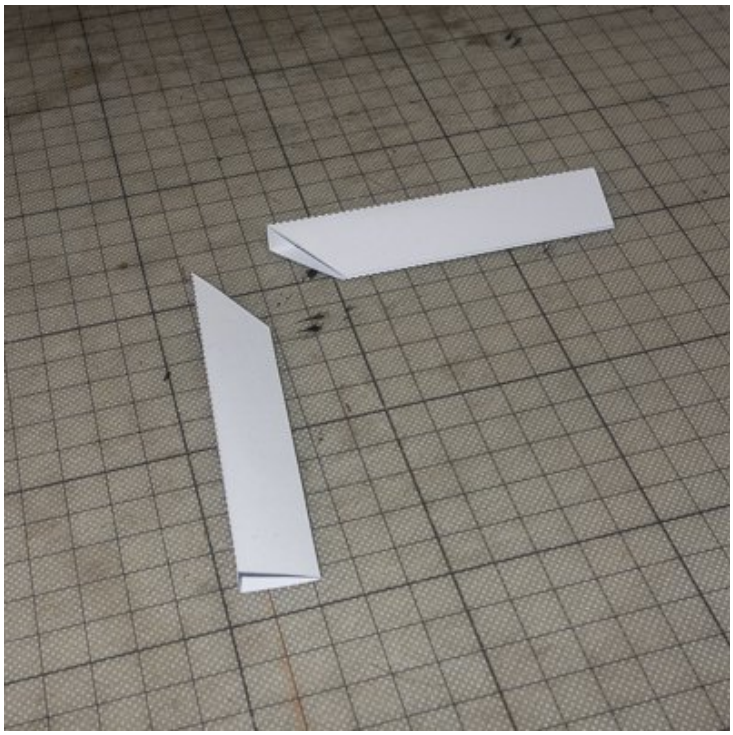
Glue them into the assembly for height stabilisation.



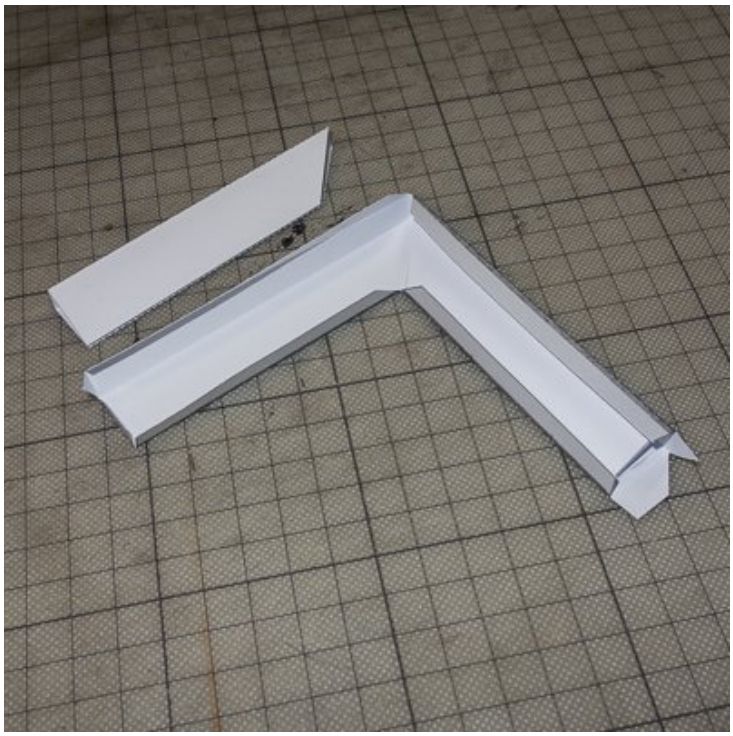


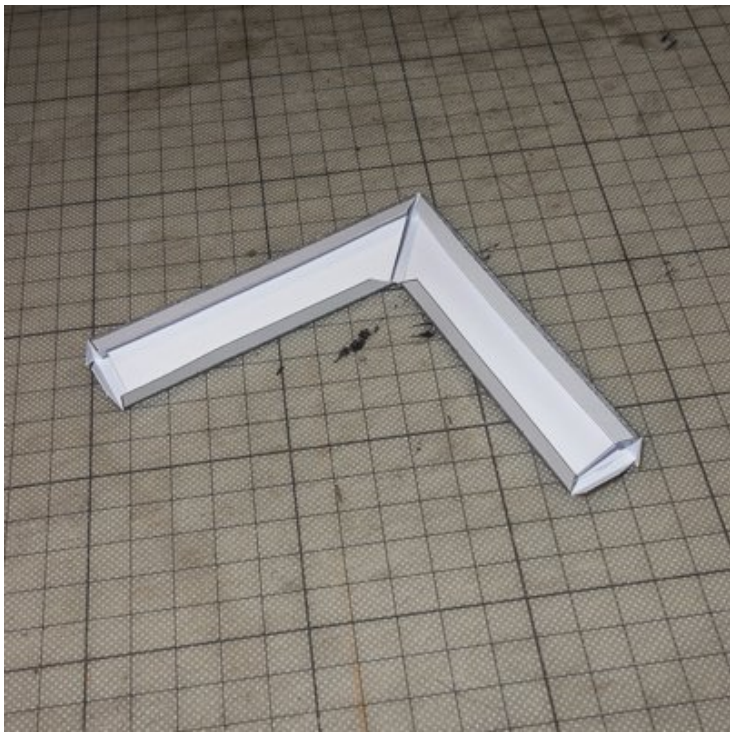
Prepare the lower ledge part **(7)** and glue at the outside corner as shown.



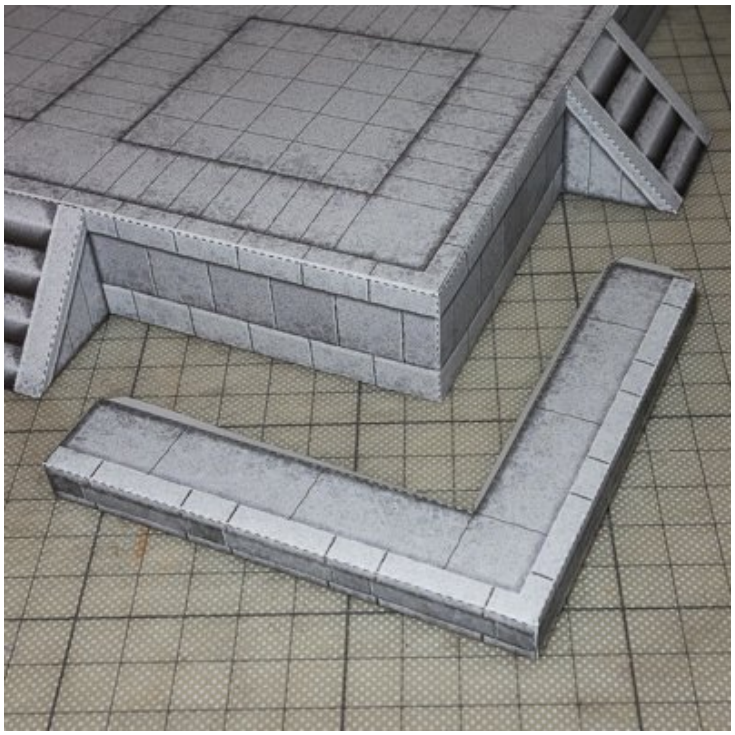


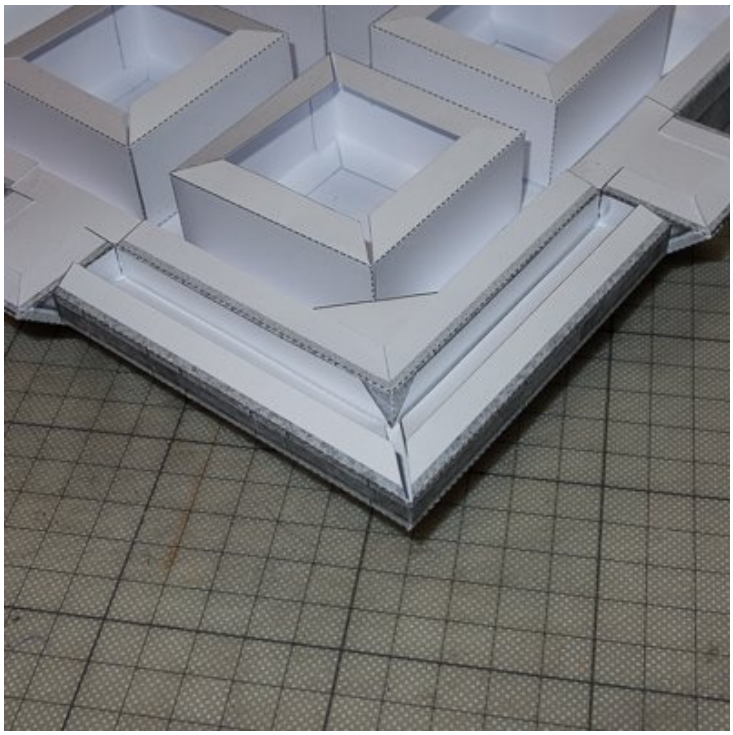
Again either use filler material (foamcore, styrofoam etc) or use the stabilizing structures provided to make it more stable. Prepare parts **(10)** and **(11)** and glue as shown. For the Main Hall foundation make sure to use the appropriate **L** or **R** version of the parts.



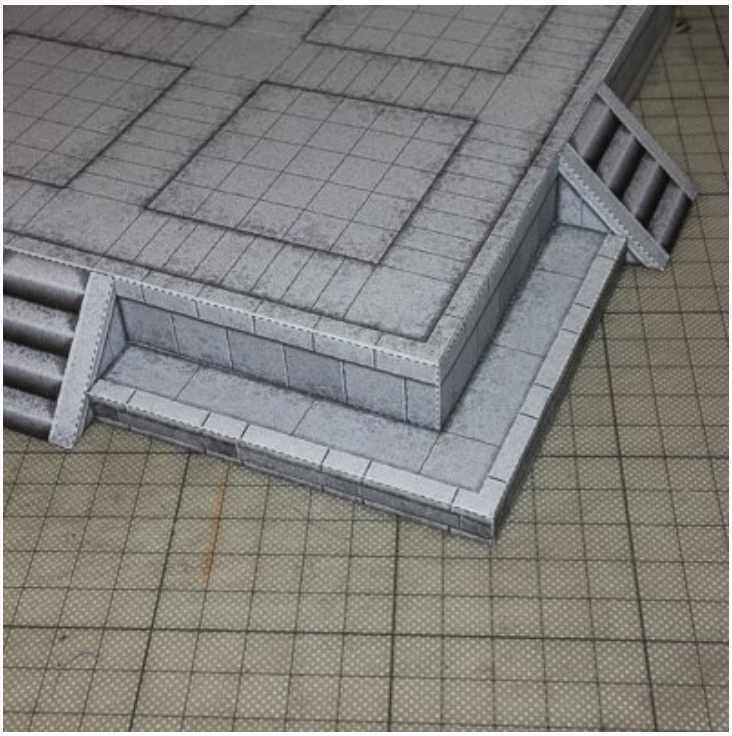


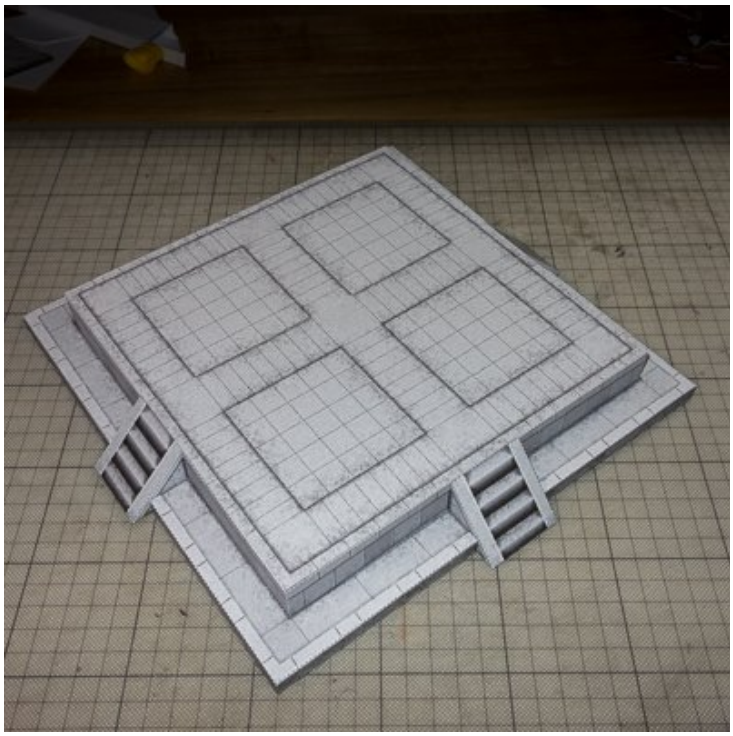
Glue the stabilizers into the lower ledge parts as shown.



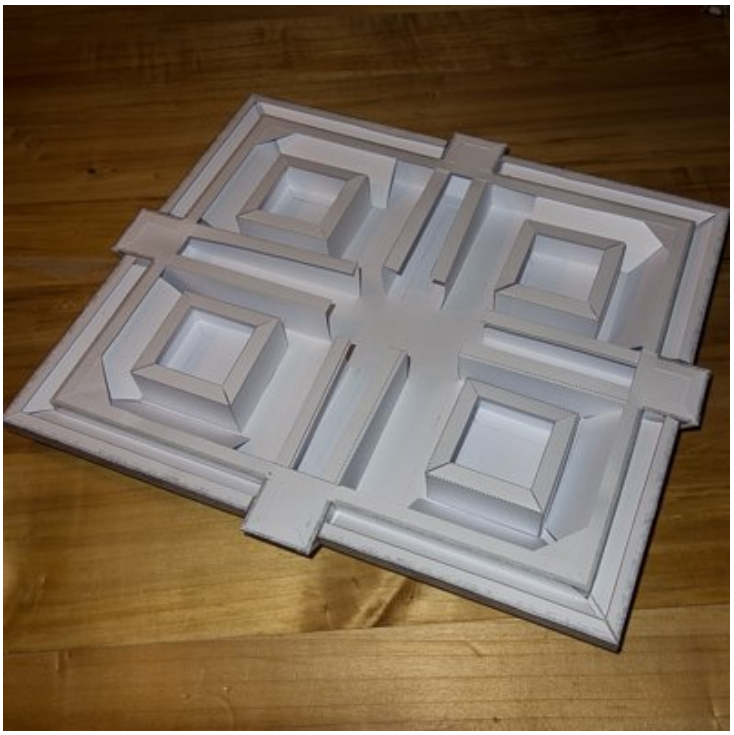


Glue the completed lower ledge onto the main assembly. When flipping the assembly over you can make sure that the glue flaps are level with the bottom of the wall.



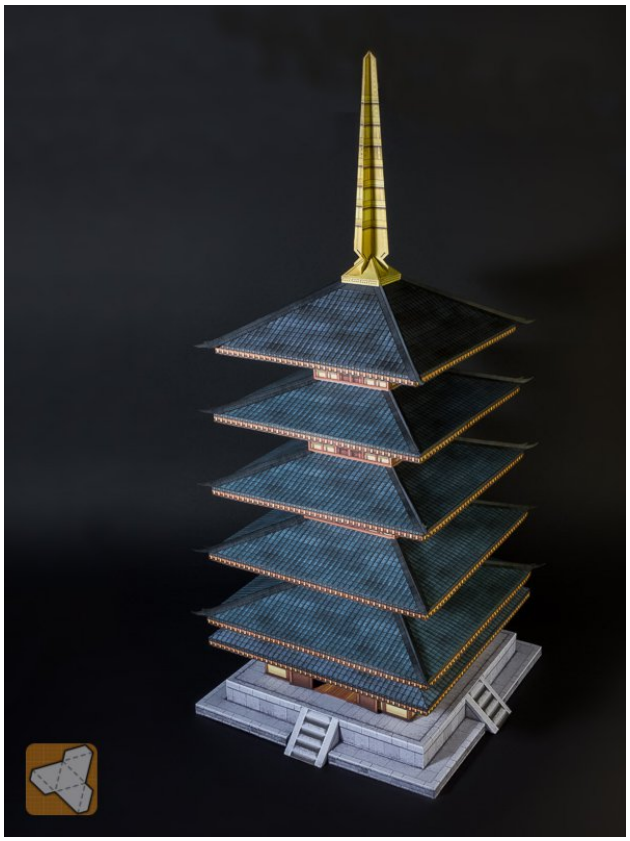


Repeat for all 4 corners and you are done!



For the larger Main Hall foundation you might want to add the length stabilizers **(12)** as shown to prevent the stair ramps from „curling“ up.

Pagoda Tower with Foundation



Main Hall with Foundation

