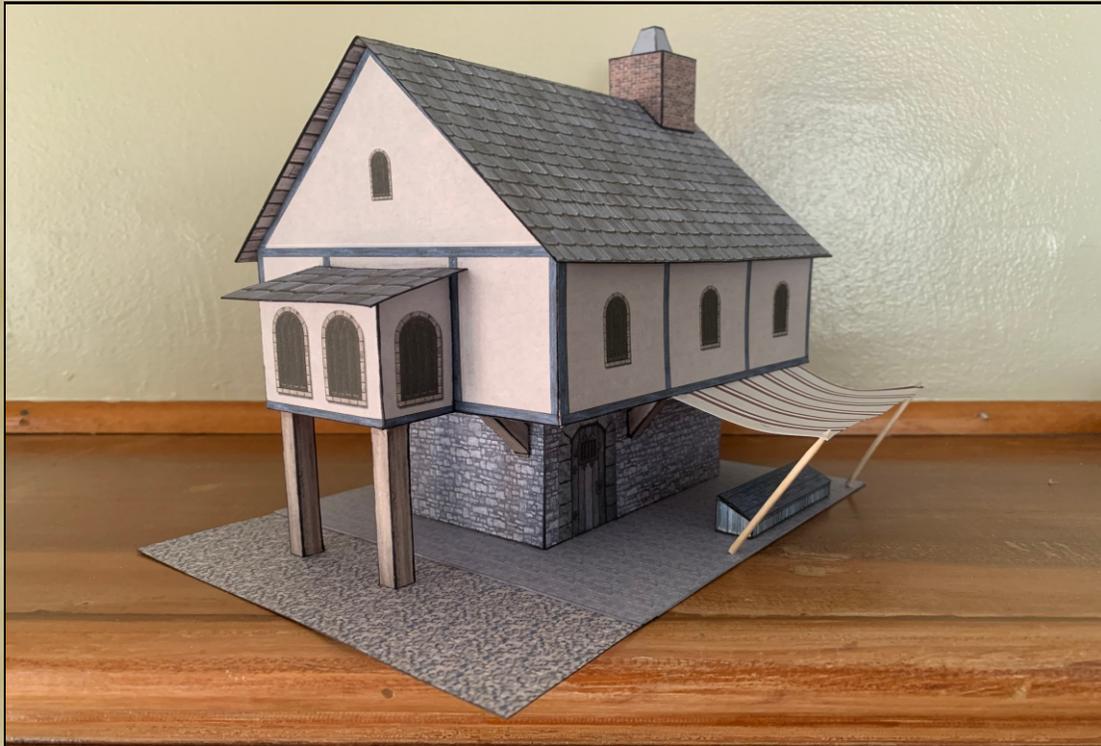


City Smithy



A small, two-story building, a combination of workshop and sidewalk sales area with second-story residence for the shopkeeper.



Created for the 2021 Papercut Awards, Models Submission (Design) Category
<http://cardboard-warriors.proboards.com>



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Instructions for City Smithy

Step 1 – The Base

Cut out the stone base and edge. For added stability and appearance of a curb, glue 2-3 sheets of heavy cardstock to the bottom, trim and edge. Also (not in picture, added after completion for appearance/stability) cut out the cobblestone street and glue the white tab to the dormer end of the base tile (end for dormer is printed on the base tile).



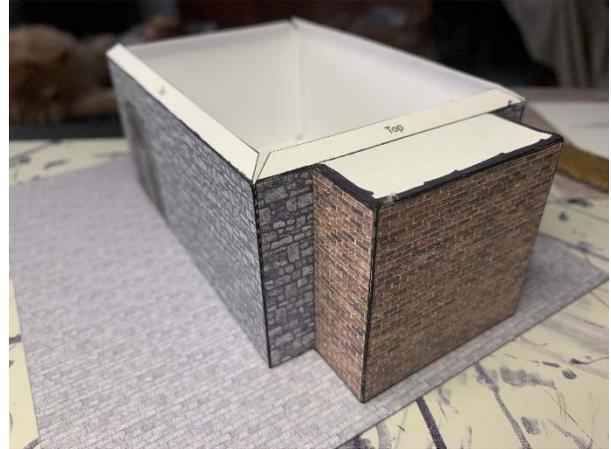
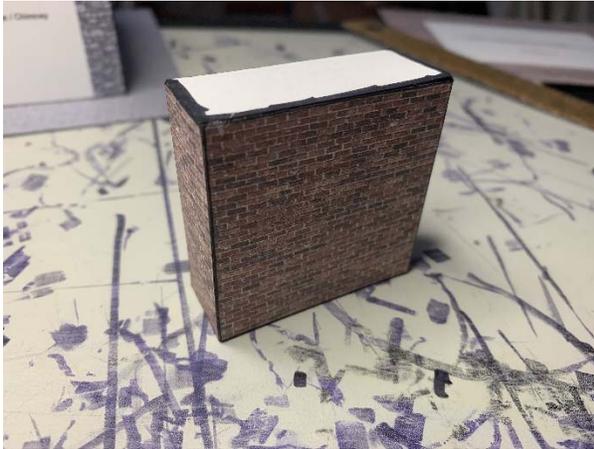
Step 2 – First Floor

The first floor walls are next. Once cut and edged, glue them together, matching the letter on the tabs of the short walls and next to each long wall segment. Once the walls are assembled, glue to base.



Step 3 – Lower Chimney / Back of Forge

Cut, edge and assemble the Lower Chimney section, it forms a simple box. Glue the Lower chimney to the end of the first floor. There is a white area on the end wall showing positioning. Once completed, set this part aside, we will come back to it in later steps.



Step 4 – Second Floor

After cutting out and edging the second story walls and base, assemble the walls. Then glue to the second floor base, making sure the wood-printed side is DOWN, so that it is visible on the underside of the floor overhangs. Once this is completed, cut out the dormer and the dormer roof segment. The dormer forms an open, angled box with tabs on back with the tabs folded inward. The back edge of the dormer roof should align with the back edge of the dormer (there will be overhang on the front and sides). Position so there is an equal amount of overhang on the sides and glue to dormer. Finally, glue the dormer to the end of the building with the labeled, white box.





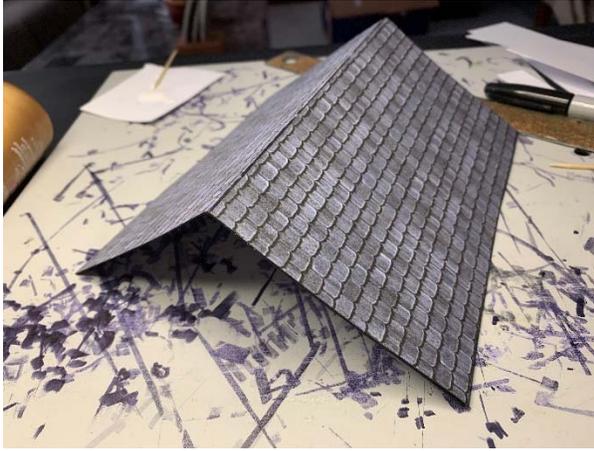
Step 5 – Joining Floors

Take the first-floor assembly and apply glue to the tabs and top of the chimney. Take the second floor and position it so the dormer is on the OPPOSITE end from the chimney. Now, align the white box on the bottom with the first floor walls and attach to the first floor. There will be an inch of overhang between first and second floor all the way around the building.



Step 6 – The Roof

The roof consists of an inner and an outer section. Cut out and edge both. Now, mountain fold the exterior (shingles) side. The inner side valley folds, the board sections facing down. Glue the two sides together. There may be a tiny bit of the lower section extending out past the upper. This can be trimmed off, or if you edged the back edges of the inside section, left in place and is barely noticeable. Now, apply glue to the flaps, then align the roof so there is an equal amount of overhang on each end. Note: Ignore the white box on the underside of the roof when aligning. It is there to save ink and not for alignment, some of the wood texture will end up glued to the flaps which helps hide white spaces if alignment is not perfect. Attach roof to the building, holding in place with a light pressure on either end until the glue sets.



Step 7 – Details and Optional Parts

Finally cut, edge and assemble the two dormer support poles and six of the eight angled supports. The dormer support poles go under the edges of the front of the dormer and glue to it and the cobblestone road segment (Not pictured, added later). I indented each about $\frac{1}{8}$ th an inch from the corners of the dormer. The angled supports go two per side between the first floor walls and the floor of the second floor (you can use 3 on the long sides if you prefer, there are two extras included in the set). I went in roughly a $\frac{1}{4}$ " from the ends of each first floor wall and glued my supports, but you can position these wherever you wish or skip completely. On the side with the door, I moved one support over past the door, closer to the middle.

Once the supports are in place, it is time for the chimney. The first part is an open box with a V shaped cut to fit the roofline. Fold those flaps in, glue and attach to the roof roughly over the lower chimney section. The vent section folds up into a closed box and is glued centered on the top of the upper (brick) chimney.

As an option, I have included a sales display and an awning. The sales display folds up into a box with an angled top. Glue this (or just place if you want to swap out in the future) where you want along the front of the shop. Second option is an awning. I would **STONGLY** recommend printing this on regular

printer paper, my attempt with cardstock was far too stiff and wrinkled when rounded. Fold and glue the awning...there will be a small, white gap on the edge of one side...this is the glue tab, no need to edge it. Take a glue stick, or a pencil or something round and roll the awning a few times to make it curve then poke two small holes in the corners away from the glue tab. Now glue it to the edge of the second story overhang. For the poles, take two wooden toothpicks, cut off one end of each, ensuring they are the same length. Put a TINY amount of glue on each end. The non-pointed end attaches to the edge of the base, the pointed end goes through the holes in the awning. And that's it, shade and cover for your shopkeeper!



Finished!

Now, you have completed the build! The next part, detailing, is up to the individual builder....you can add anything you like...it doesn't have to be a smithy, it could be a weaver, a bowyer, or anything else you can imagine...in my mind, it is an weaponsmithy in a city, and I will add weapons to the display, possibly a second (shorter display along the end), a torch near the door, a sign, and maybe a lantern post on the corner. Take the building, make it a part of your game world or displays as you see fit! Enjoy! - FLB

ForestB on Cardboard Warriors Forum (cardboard-warriors.proboards.com)

Forest Burns on Facebook (Cardboard Warriors and Papercraft for TTG Enthusiasts)