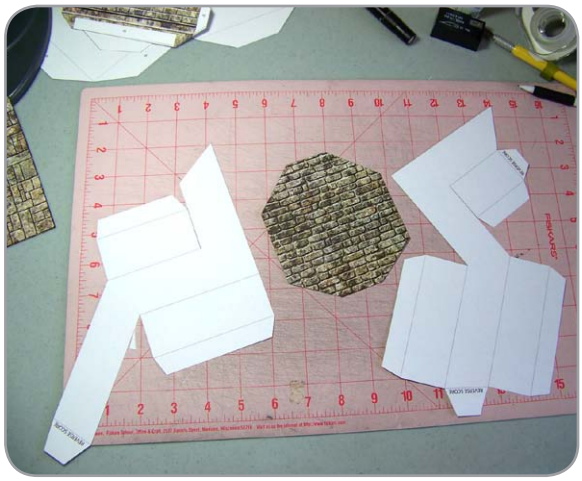
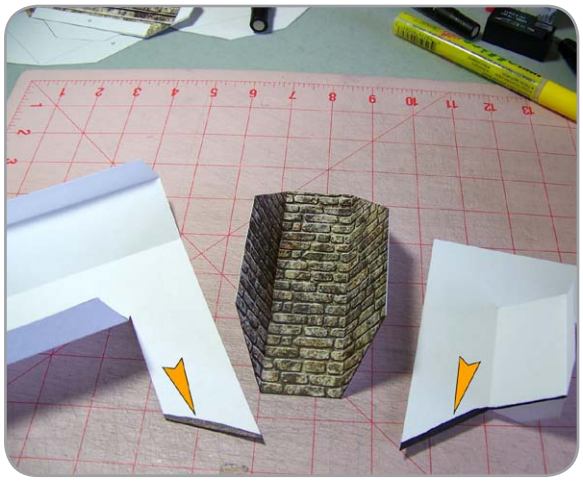
THE ULTIMATE GM SCREEN II

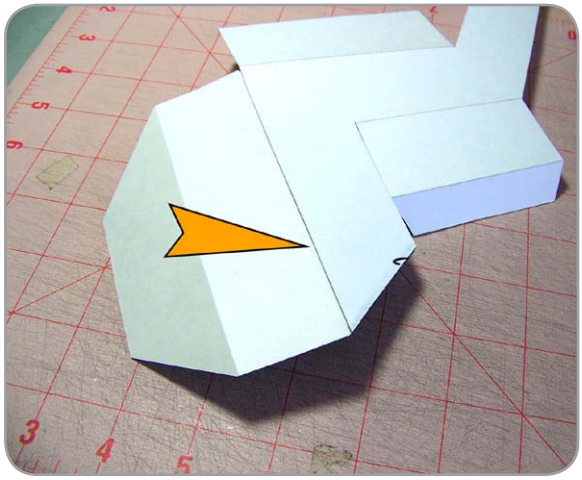
DICE TUBE



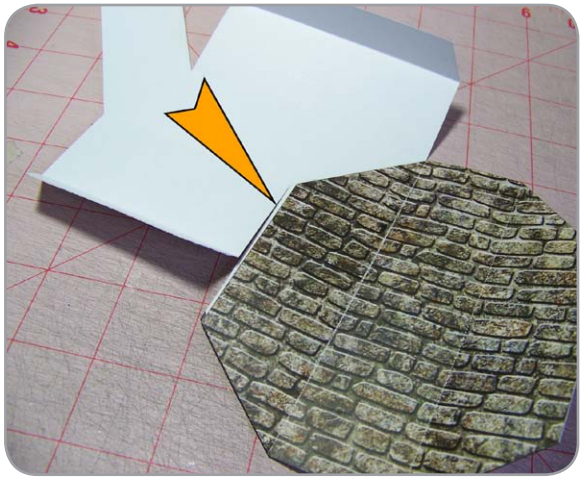
Step 1: Cut, score and test fold the dice tube pieces (G, H, I) as shown.



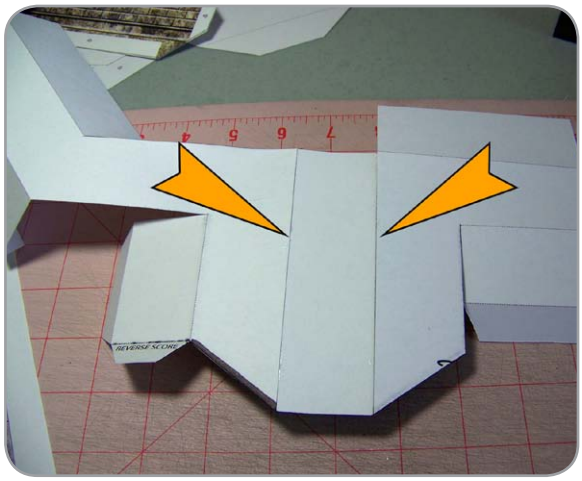
Step 2: Before proceeding, make sure you edge the front edge of the dice tube as shown (black marker recommended.)



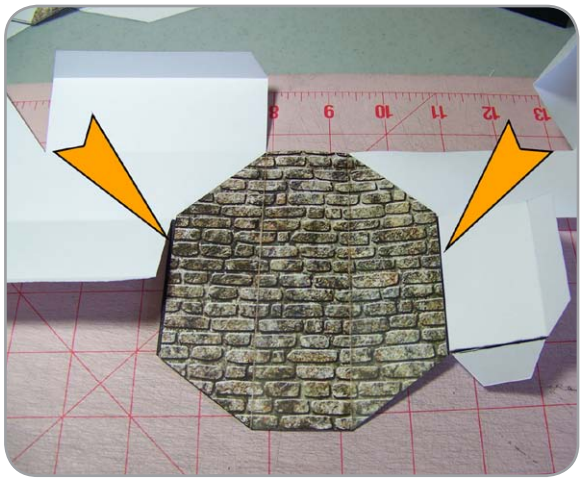
Step 3: Begin gluing the bottom ramp of the dice tube first. Make sure the bottom edge of the tube side piece is properly aligned with the fold edge of the bottom section as shown above.



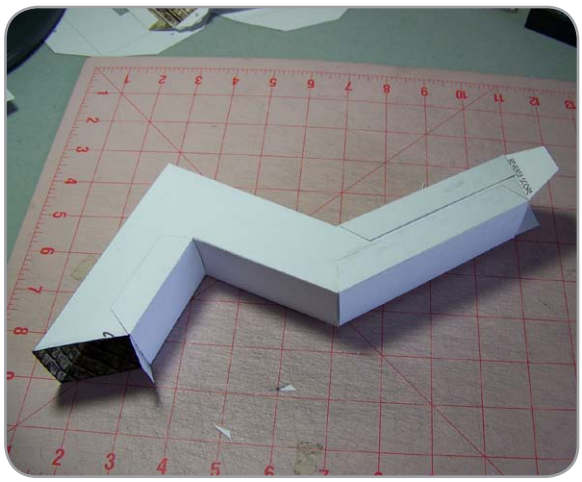
Step 4: If properly aligned, a slight gap will show on the interior face where shown by the arrow above (this allows for variations in thicknesses of card stock.)



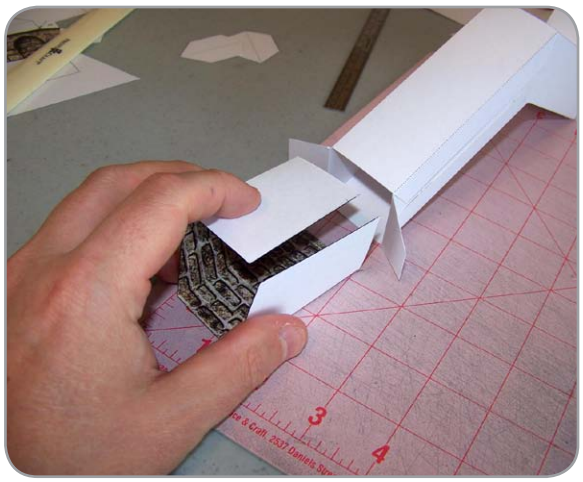
Step 5: Attach the opposite side wall as shown, align on the lower piece's fold edge.



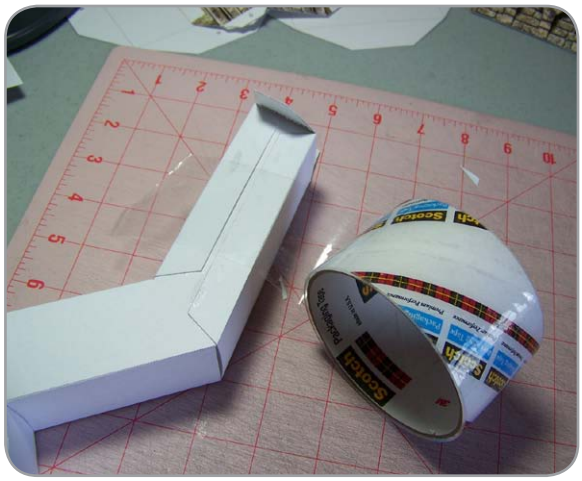
Step 6: At this time you can color in the small gaps along the two upper edges with a black marker if desired (this isn't really necessary as these edges are nearly invisible in the finished model.)



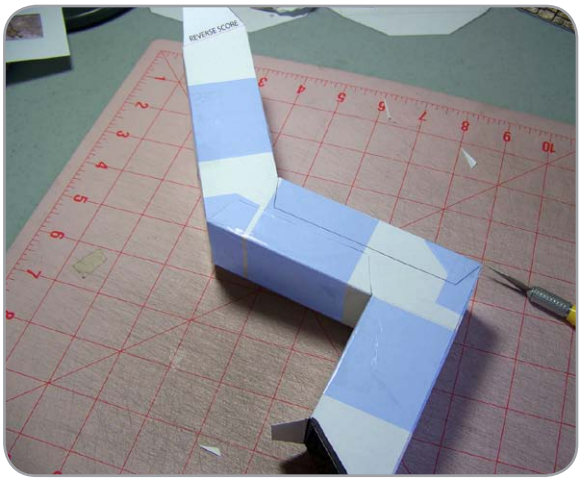
Step 7: Glue the middle and upper sections of the dice tube and set aside to dry. You can reach inside from the bottom with a ruler or a chopstick to press down the glue tabs.



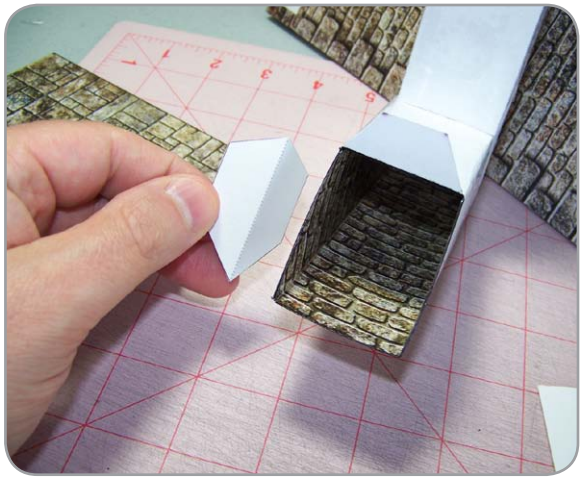
Step 8: Glue the upper reinforcement insert (L) inside the upper tube opening as shown.



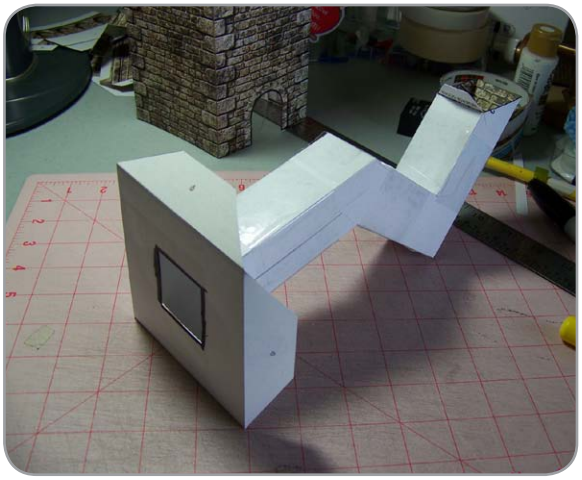
Step 9: As the dice tube will be inaccessible once the tower is built, reinforce it with packing tape (any tape will do) around all tube sections. This will prevent any glue seams from ever popping open during use.



Step 10: We recommend you apply tape as shown above (shaded blue to make visible). Reinforce each of the three tube sections, and the two corner joints.



Step 11: Add the two outer tabs on either side of the lower tube section.



Step 12: Glue the top tower section (E) to the top of the dice tube as shown and allow to dry. Note black marker edging around the square opening on this piece.

The Ultimate GM Screen II

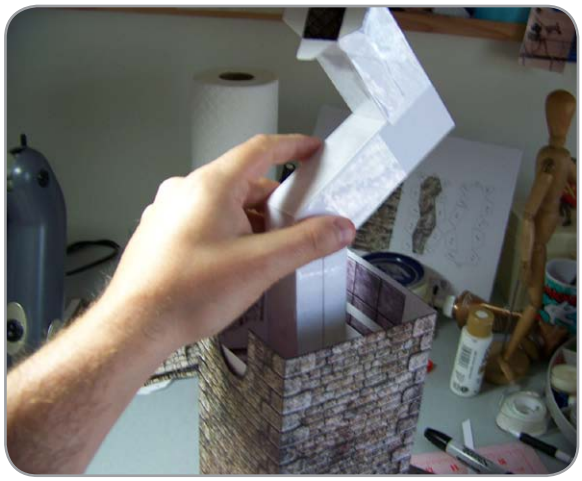
Tower

Step 1: Cut and score the four tower wall sections (A, B & Jx2) as shown. The layout order for gluing is shown above (L-R blank wall, gate opening, blank wall, and wall with window.)

Step 2: Glue each section to the adjoining one, making sure you keep the edges properly aligned.

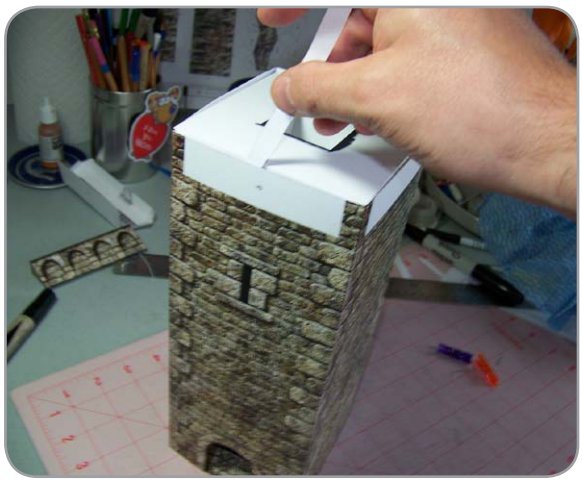
Step 3: Glue all four sections into a single piece and allow to dry before proceeding.

Step 4: Fold into a box shape and glue the last remaining seam. You can use a ruler to apply pressure to the tab from the interior of the tower.

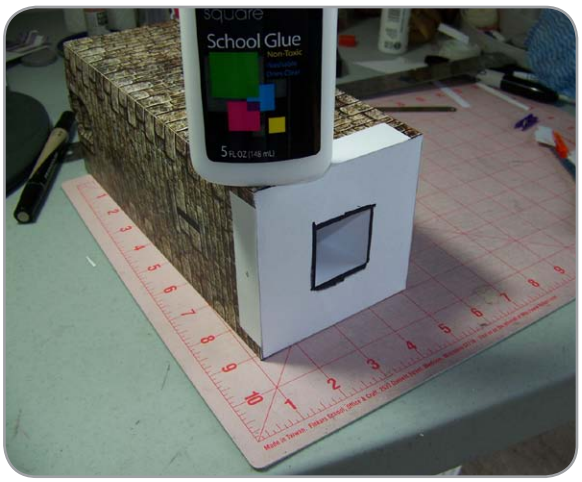


Step 5: Turn the tower upside down against a flat surface and insert the dice tube through the BOTTOM opening as shown.

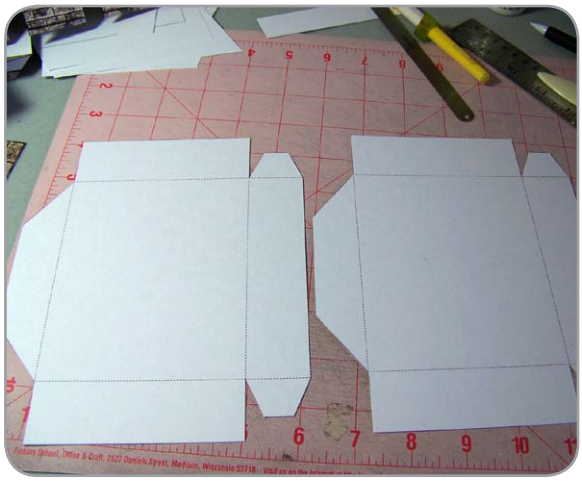
Step 6: The lower three tabs around the tube opening can now be glued into place. Proper alignment is critical to achieve a good overall fit. Hold in place while drying with your fingers or small clips (shown.)



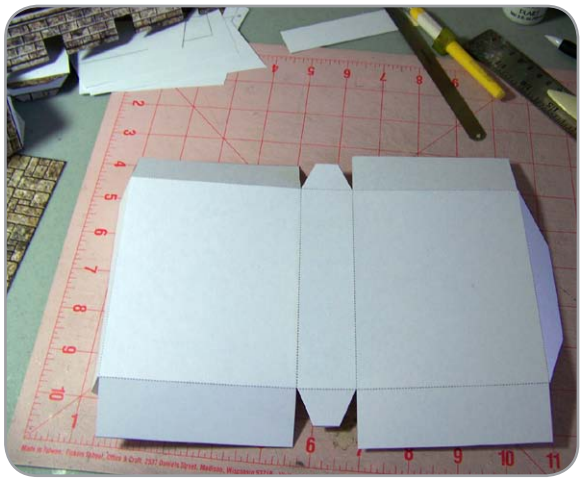
Step 7: Glue the four tabs of the top panel into place. You can apply glue between the tabs and the inner walls with a scrap of cardstock.



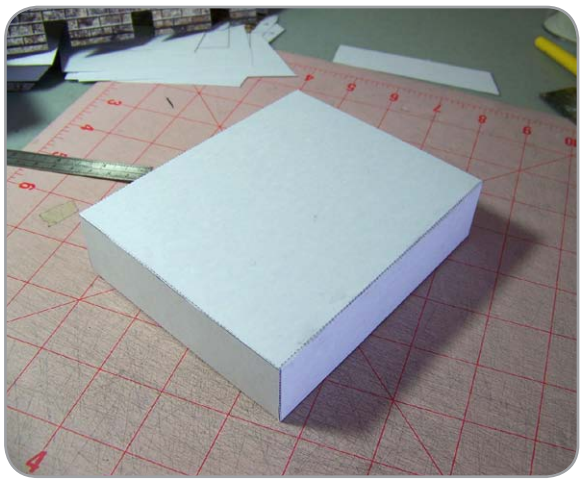
Step 8: If you have any gaps, these can be fixed easily by inserting a small scrap of paper with glue on it into the gap and then applying pressure or a weight as shown.



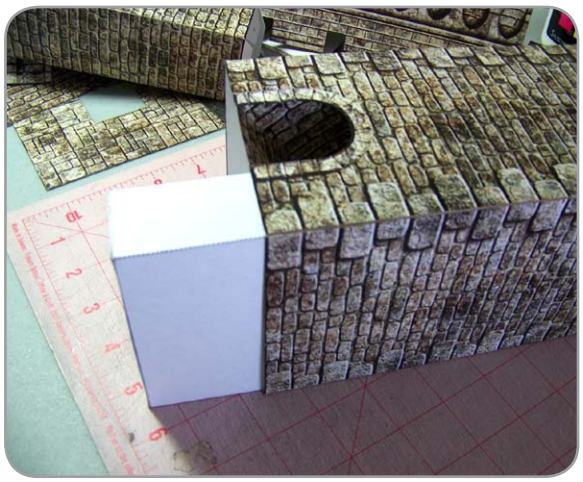
Step 9: The interior of the tower requires two box inserts to make the structure more rigid. Each box insert requires two identical pieces (shown.)



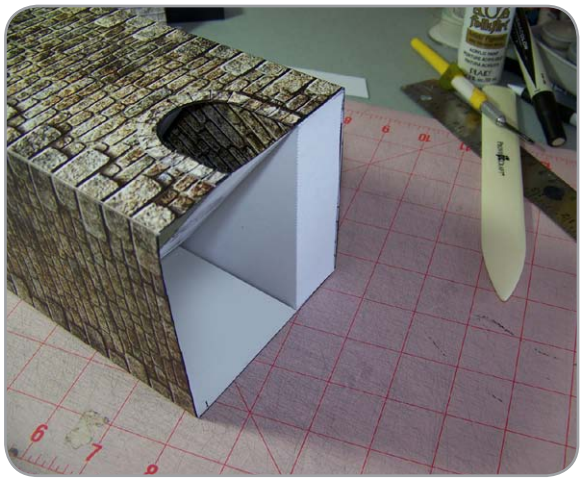
Step 10: Glue the two sections as shown and allow to dry.



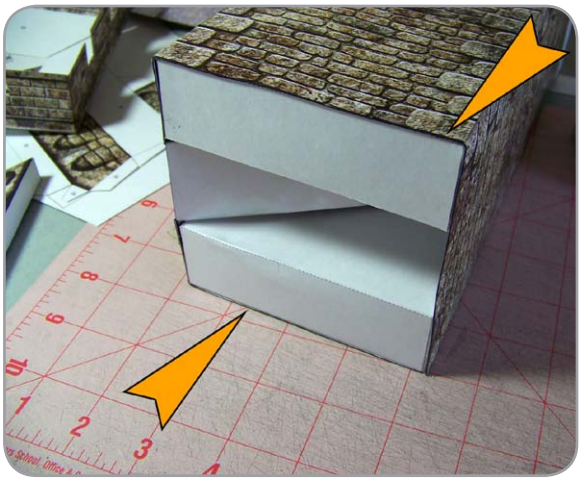
Step 11: Finish gluing the support box and allow to fully dry before inserting into the tower structure.



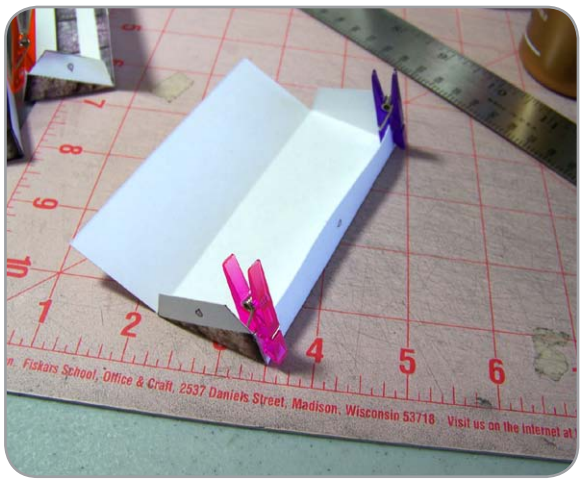
Step 12: Insert a support box on either side of the dice tube as shown.



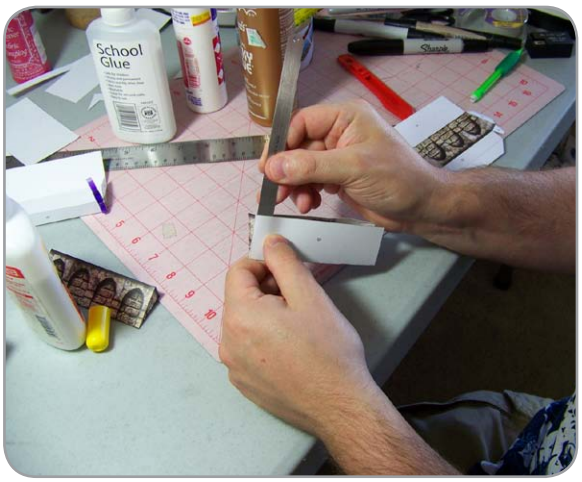
Step 13: Glue into place, making sure the bottom edge is flush with the bottom of the tower walls.



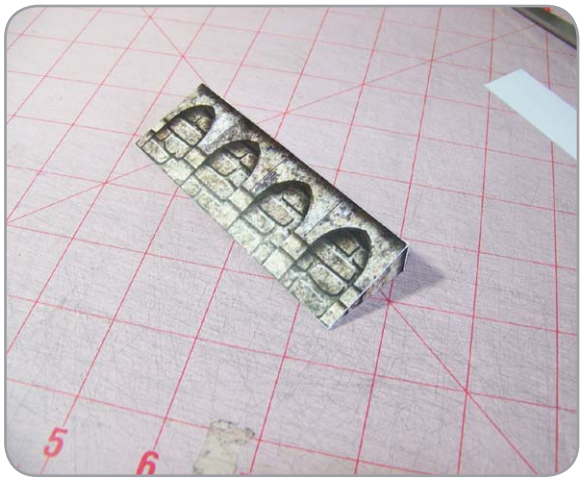
Step 14: Repeat for the opposite side, again making sure both boxes are flush with the tower bottom.



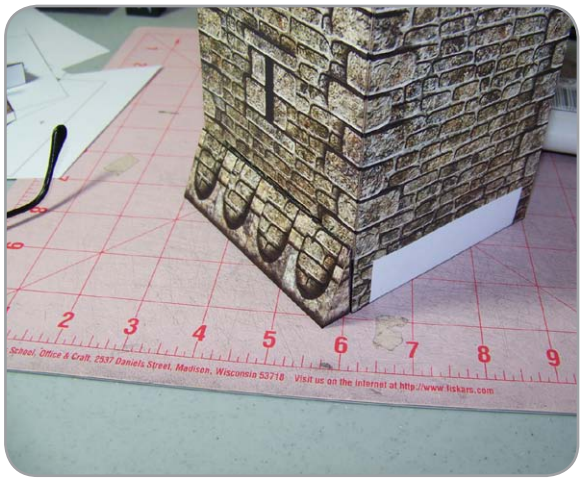
Step 15: Cut and score the lower support for the tower cap piece (C) as shown. You need four of these per tower. Glue the top edge tabs (the smaller of the two tabs) first. Hold or clamp to make sure these do not shift while drying.



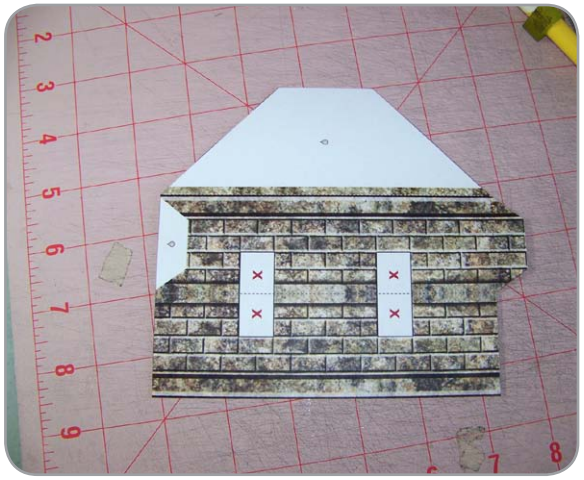
Step 16: Now glue the long side tabs. Since there is no tab across the back, you can insert a small straight edge to apply pressure from the inside if needed.



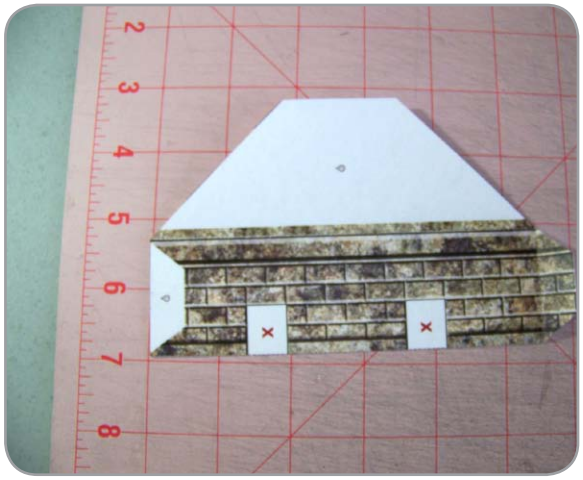
Step 17: It is extremely important that these pieces be totally dry before proceeding to Step 18. It is normal if the rear seam has a 'gap' in it. We designed this piece without a tab here so that it can conform more easily when glued between the tower walls and upper cap.



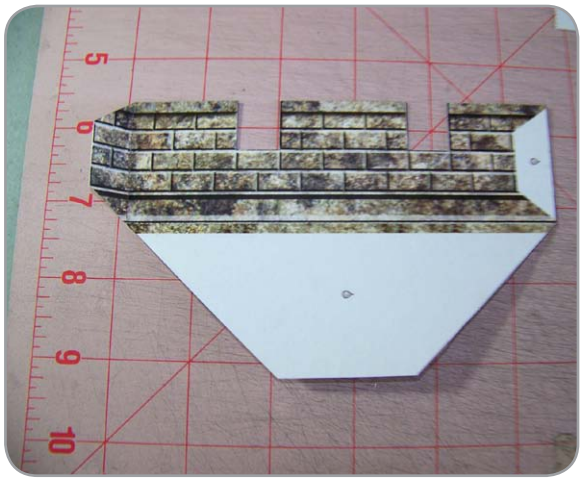
Step 18: Invert your tower and set on a flat surface. Begin gluing the finished lower cap supports around the perimeter as shown. Make sure these are flush with both the tower wall and the flat surface it is resting on or your tower cap will not fit properly.



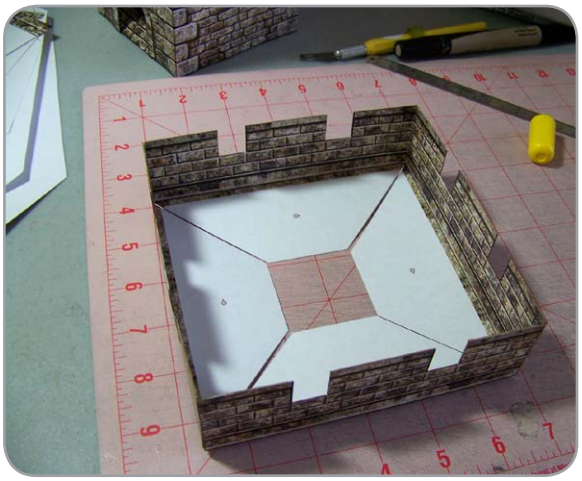
Step 19: Cut and score the four tower cap sections as shown (C).



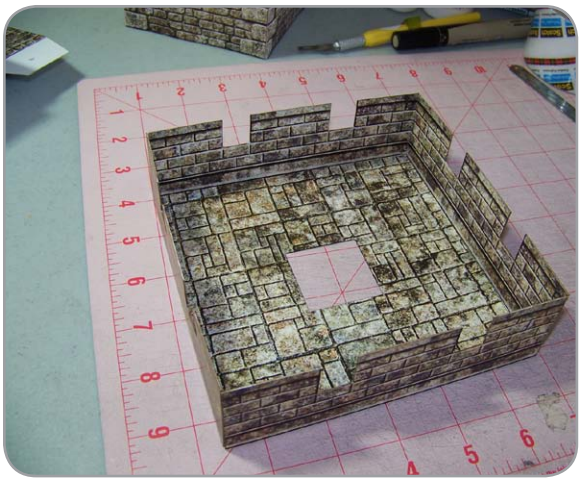
Step 20: Fold in half and glue. Allow to fully dry before proceeding.



Step 21: Cut out the crenelations as shown.

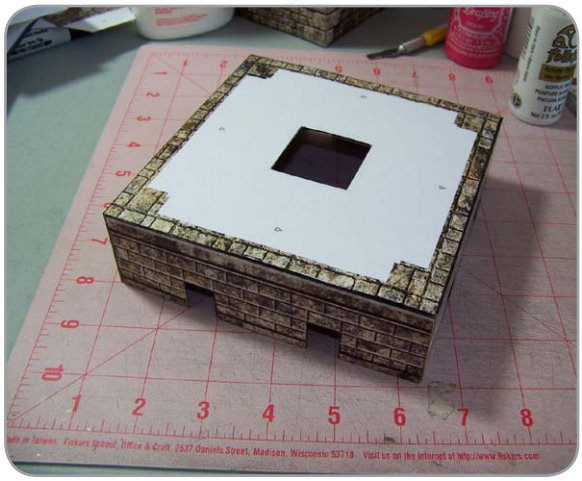


Step 22: Glue all four sections together (just like you did with the tower walls) into a single line and allow to dry. Then proceed to fold into a rectangle and glue the last two ends together. When gluing the sections together, be sure to make the pattern line up where the tab meets the adjoining section.



Step 23: Glue the tower cap floor (D) into place.

Step 24: We recommend you apply pressure to the floor as it dries to prevent any warping. Bottles of paint or glue work great for this, the more the better.



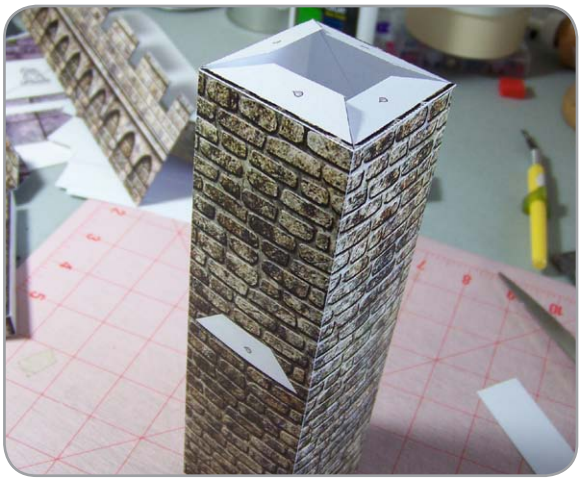
Step 25: Glue the bottom piece (K) to the cap section as shown. Once you are satisfied with the alignment and the glue has begun to set, turn back over and apply pressure, just like Step 24, to avoid any warping.

Step 26: Glue to the top of the tower, making sure the opening for the dice tube is properly aligned.

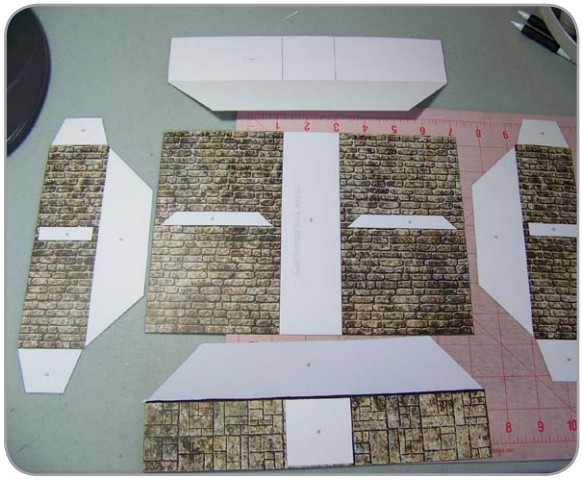
THE ULTIMATE GM SCREEN II

GATE HOUSE

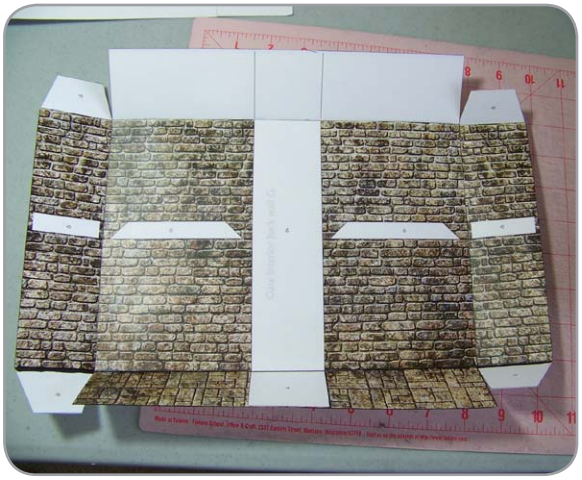
Step 1: Cut and score the center support (B) as shown.



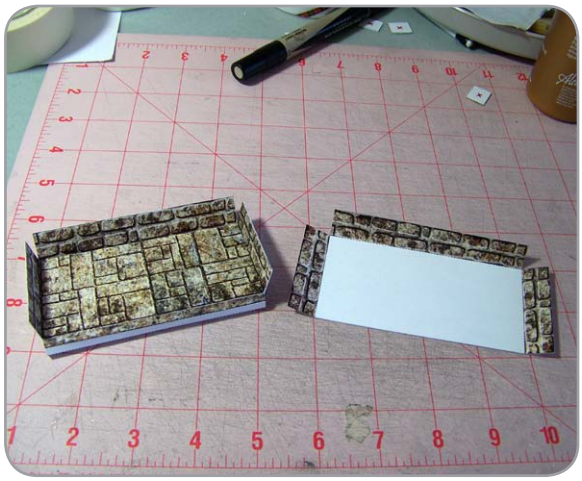
Step 2: Fold and glue into a tube as shown and set aside for later.



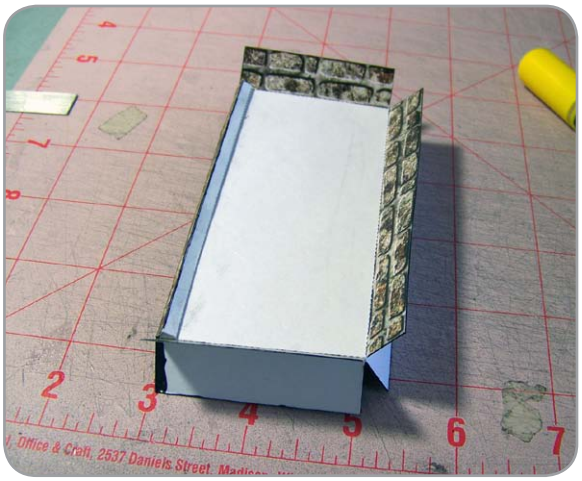
Step 3: Cut, score and test fold the five inner gate house sections (D, E, F, G, J) as shown.



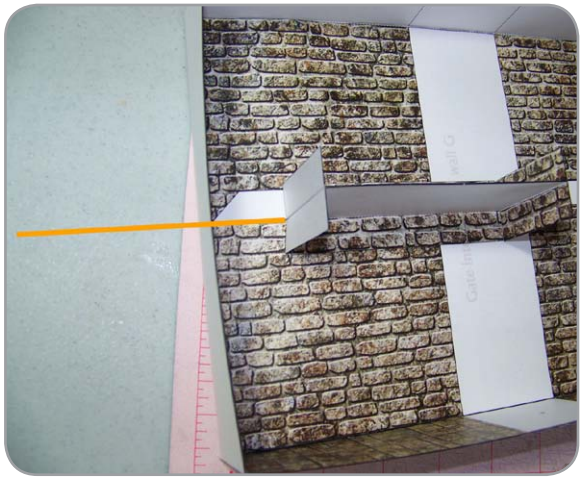
Step 4: Glue the five sections together as shown and allow to fully dry before proceeding. Once dry, finish by gluing the remaining tabs so you have a 'box' shaped structure.



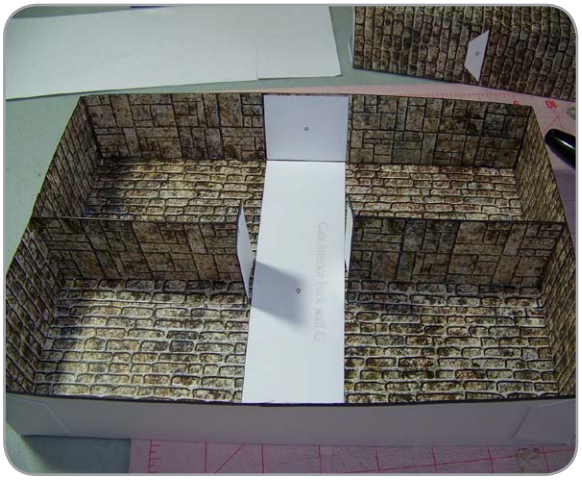
Step 5: Cut and score the shelves (C) as shown.



Step 6: Glue a top and bottom shelf section together as shown, making sure you do not glue the tabs together. The forward 'lip' on the top piece fold down and rearward, in a triangle cross-section, to create a structure beam under the forward edge of the bottom piece (model shown upside down.)

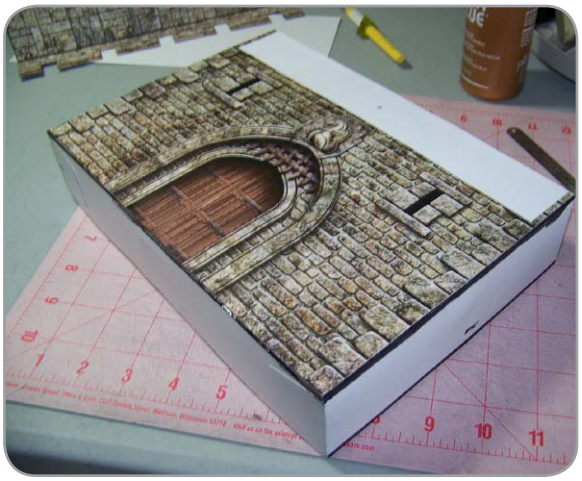


Step 7: The center of the shelf aligns exactly along the BOTTOM edge of the white glue area on the inside back wall (shown by yellow line.)

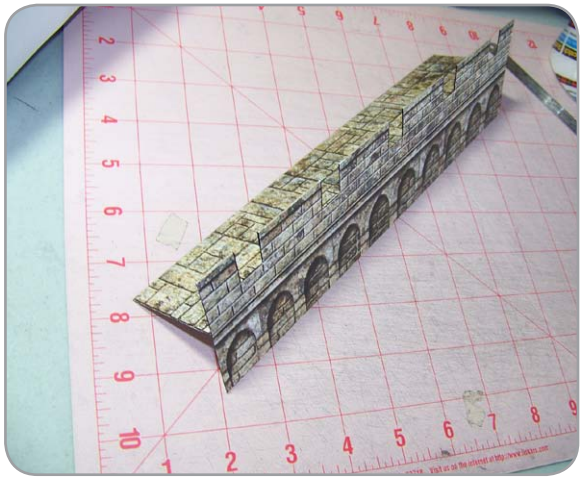


Step 8: Glue each shelf to the back wall, making sure each one tightly butts up to the side walls as shown.

Step 9: Glue the center support into place as shown. You may wish to add a weight on top to ensure a flush, tight fit.



Step 10: Glue the front gate wall (H) to the assembly as shown.

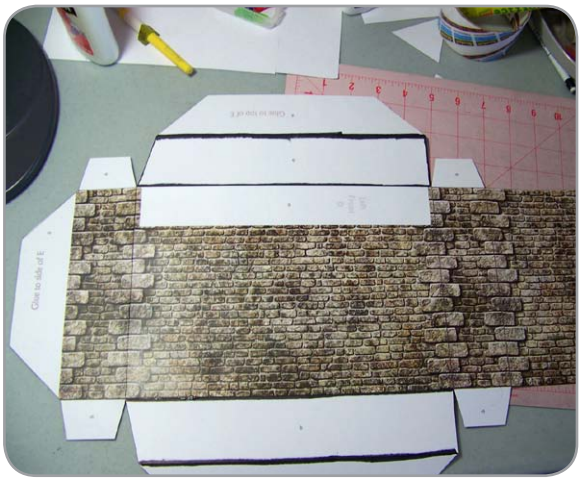


Step 11: Cut, fold and glue the crenelation cap piece (A) as shown.

Step 12: Glue the crenelation strip to the top of the gate house assembly as shown.

Outer Wings

Step 1: Each of the outer wing pieces is clearly labeled as to which piece it aligns with. Lay all six pieces on a table to make sure you understand their alignments before you begin gluing.

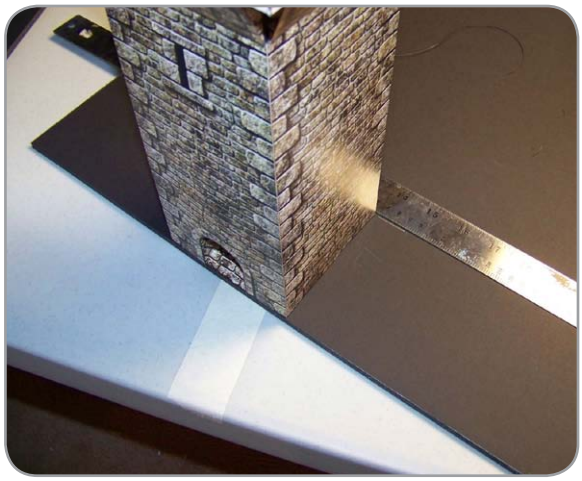


Step 2: Be sure that the wider of the two end pieces (Left A angled side) is on the end that will be angled. Glue all six pieces as shown into one single flat piece. Note the fold edges of the top and bottom pieces that we have edged with a black marker.

Step 3: Glue the last remaining vertical seam first as shown and allow to dry. If you decide to use the optional interior braces (J), insert them before finishing the box assembly.

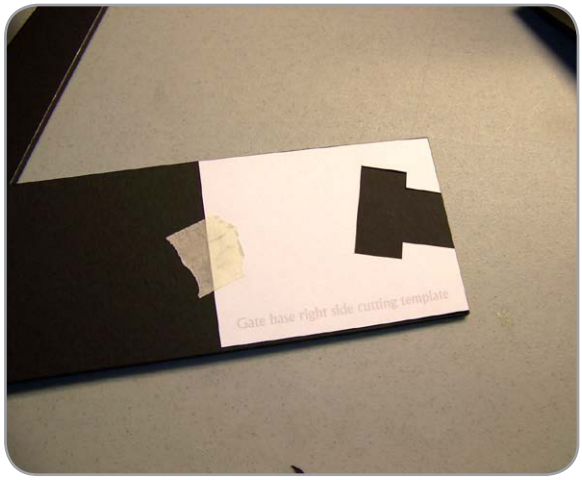
Step 4: Finish by gluing the top and bottom flaps to complete the basic box shape, and then add the crenelations (these assemble just like the crenelations for the gate house.)

Base

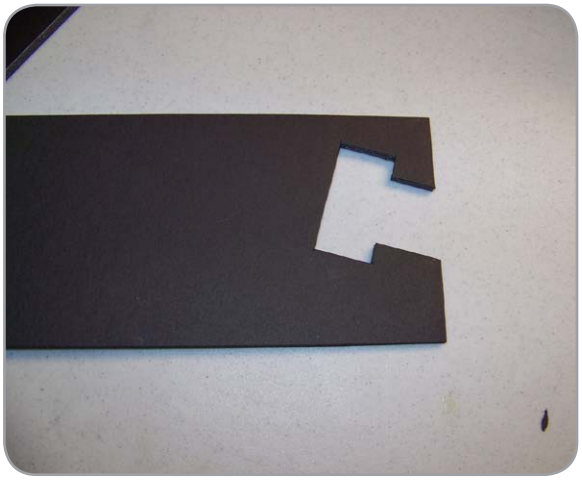


Step 1: Due to our inability to calculate exactly how much 'scale creep' you will have due to the wide variety of cardstock thicknesses, you will need to do a small amount of measuring for the center base piece. Measure the exact width of both tower bases, using the greater of the two measurements (ours came out to 4.04"). Cut a strip of foamcore 20" x 4.? (whatever your measurement is.)

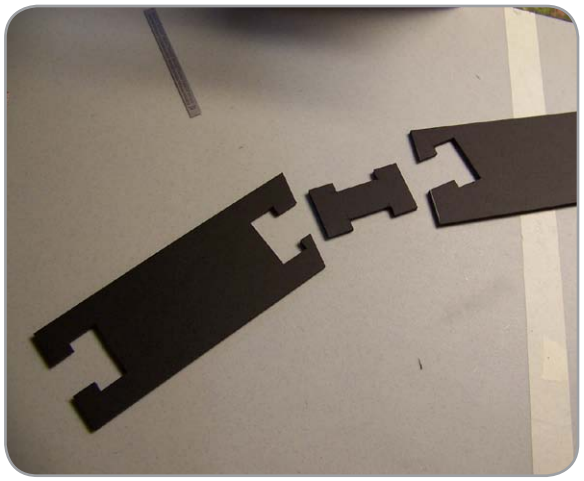
Step 2: Place all three center base components (two towers and the gate house) in a row on the strip of foamcore you just cut, and mark off where they end. Trim off the excess cardstock at this end.



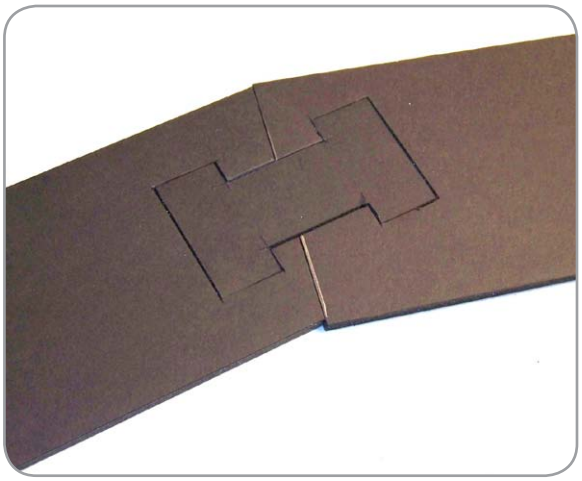
Step 3: Tape the end templates as shown and cut away the 'T' shape. Repeat for the opposite side.



Step 4: This is how your center base ends should look when finished.



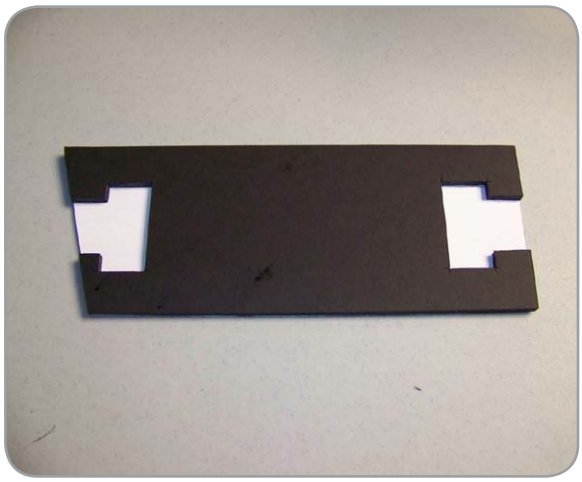
Step 5: Repeat this process for the outer wing base pieces and the connector key piece. The finished pieces should look like this for each side.



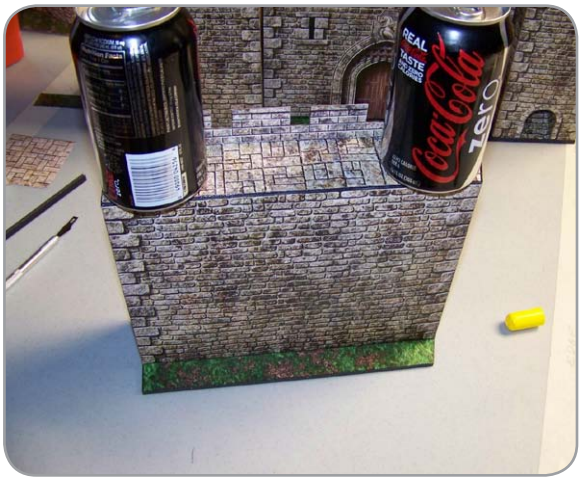
Step 6: Before gluing your towers, gate house, and outer wing walls in place, test fit your connector keys to make sure they fit properly. If not, you can easily trim them as needed at this time.

Step 7: Glue the two towers, gate house, and grass strips as shown. Work one piece at a time and allow to fully dry between each one. Make sure you have one tower facing forward (for player dice rolls), and one facing rear (for GM dice rolls.)

Step 8: Glue the ground piece to the outer wing bases as shown.

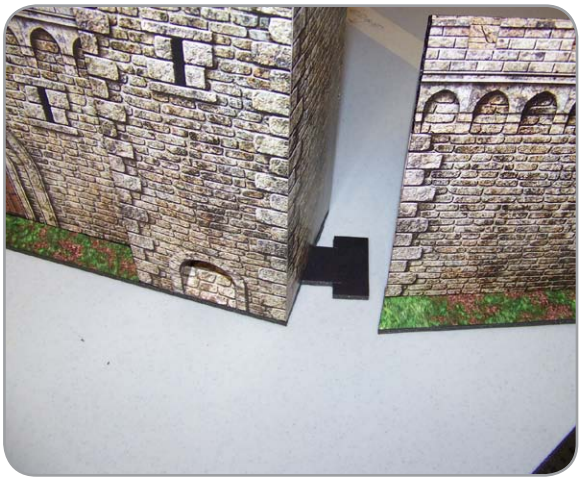


Step 9: This is how the outer wing pieces look from the bottom. The outer edge cutout for a connector piece allows for expansion if you desire a wider screen- simply make another set of outer wing models and add them beyond the existing ones.



Step 10: When gluing the outer wing wall to the base, it may be necessary to apply pressure from above to ensure a flat mating of the two surfaces while gluing. While I used a couple cans of Coke, these may border on being too heavy for this model (though I had no problems.)

Step 11: This is what the completed outer wing model should look like (left wing shown.)



Step 12: Use the connector pieces to securely link the center section to both wings.

THE ULTIMATE GM SCREEN II