



# ORC WATCHTOWER



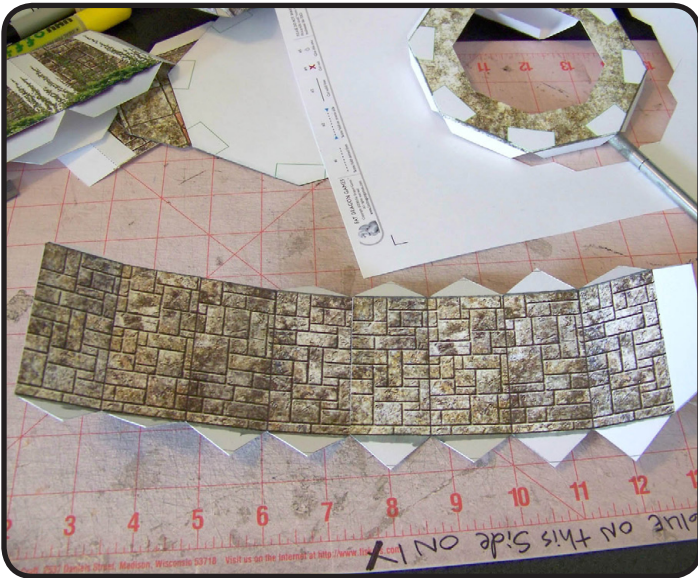
Before proceeding with this document, make sure you have read the beginners guide to card modeling included with this model set. Also, review all of your layer options before printing, there are several ways you can design your tower!



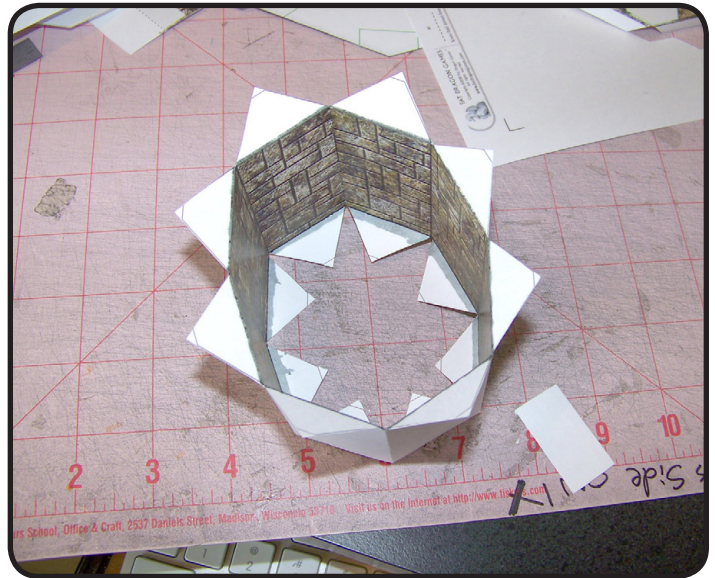
# FAT DRAGON GAMES



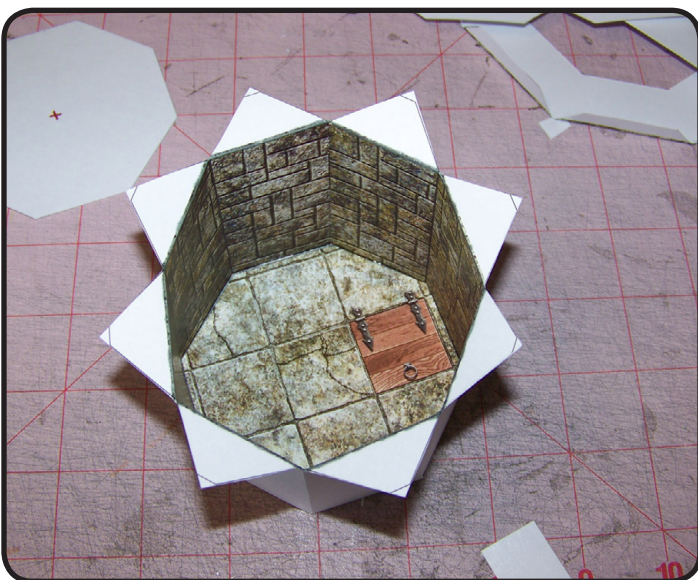
## LEVEL 1



1: Cut and score the two wall sections for the first level interior and glue into one long strip as shown.



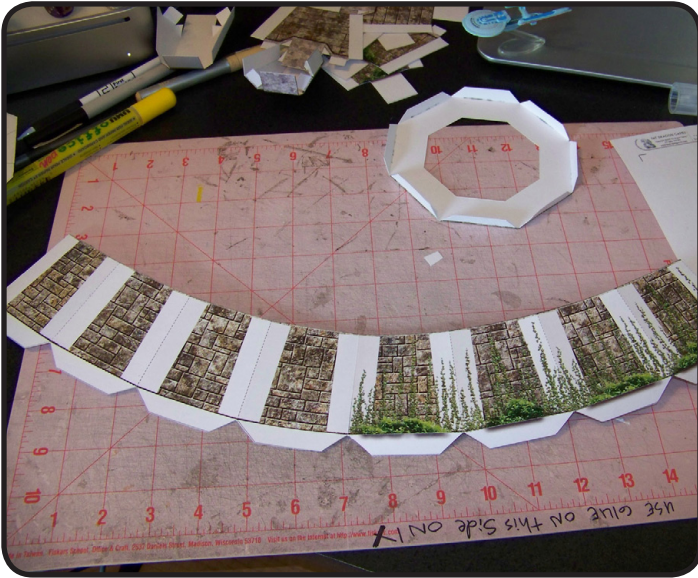
2: Glue into a ring and allow to dry.



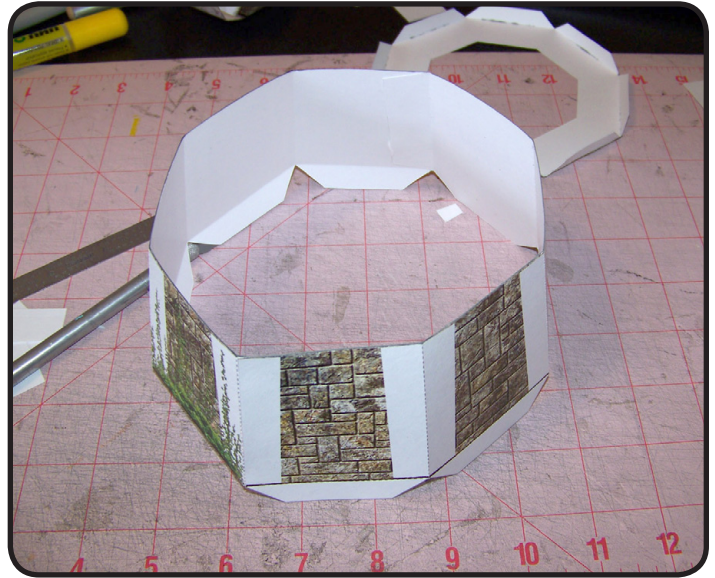
3: Glue the floor piece to the bottom as shown.



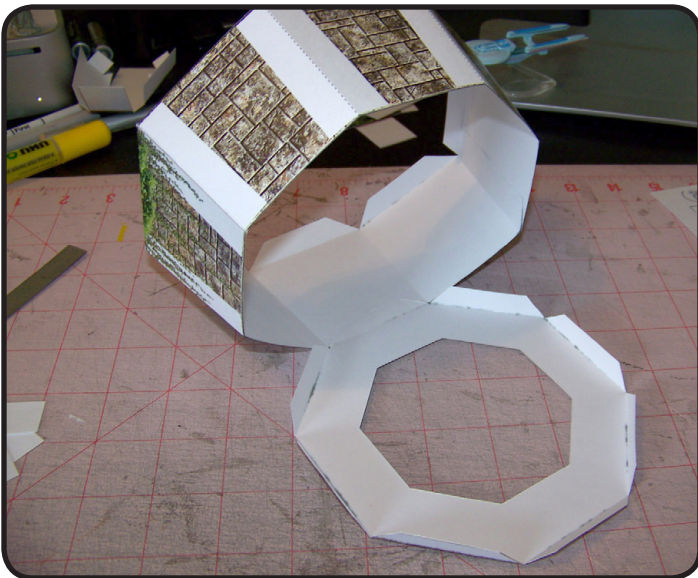
4: Cut, score and test fold the two outer wall sections.



5: As with the interior walls, glue these two pieces into a single long strip and allow to dry.



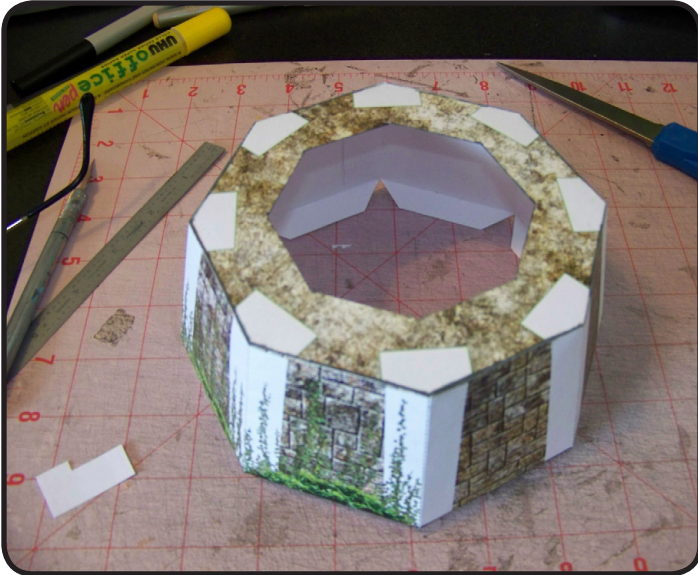
6: Glue into a ring.



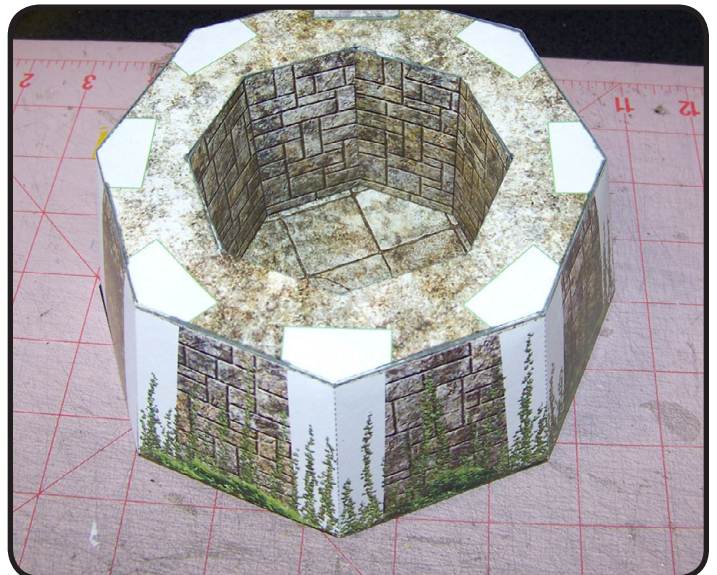
7: Glue only ONE tab of the top section as shown and allow to fully dry before proceeding.



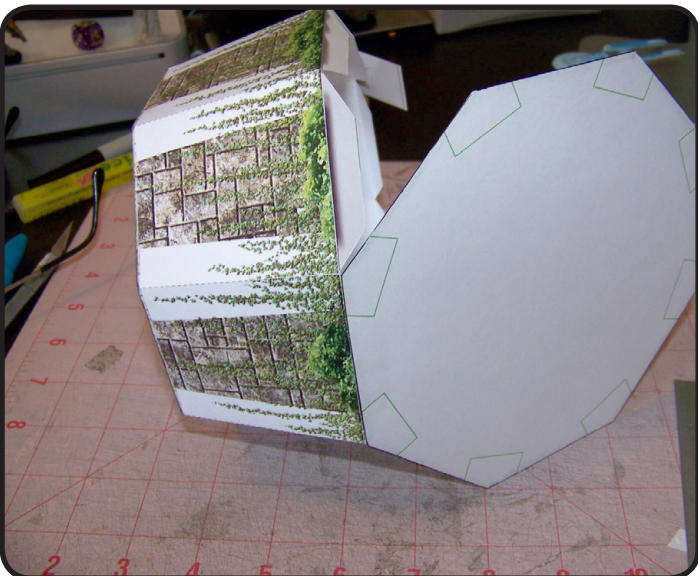
8: Glue the tab directly opposite the one you previously glued. This will help ensure proper alignment once all tabs have been glued.



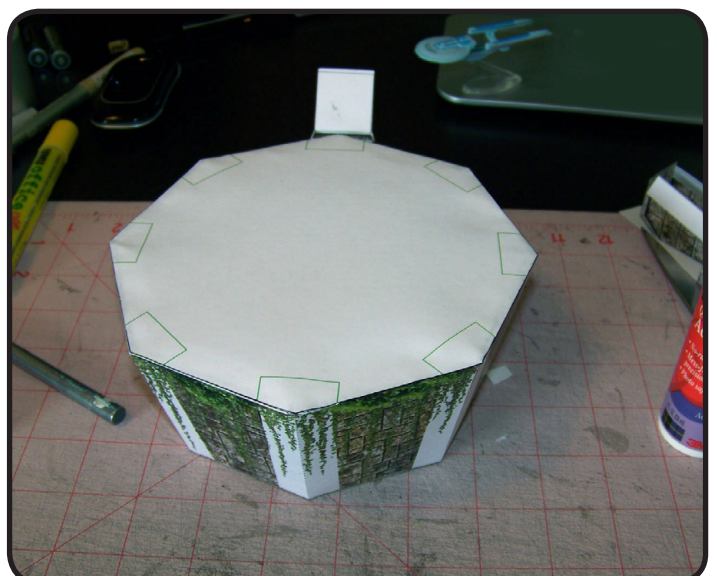
9: Continue gluing tabs around the perimeter. You can easily apply glue with a scrap of cardstock slid between the parts.



10: Insert the interior section and glue into place as depicted above.



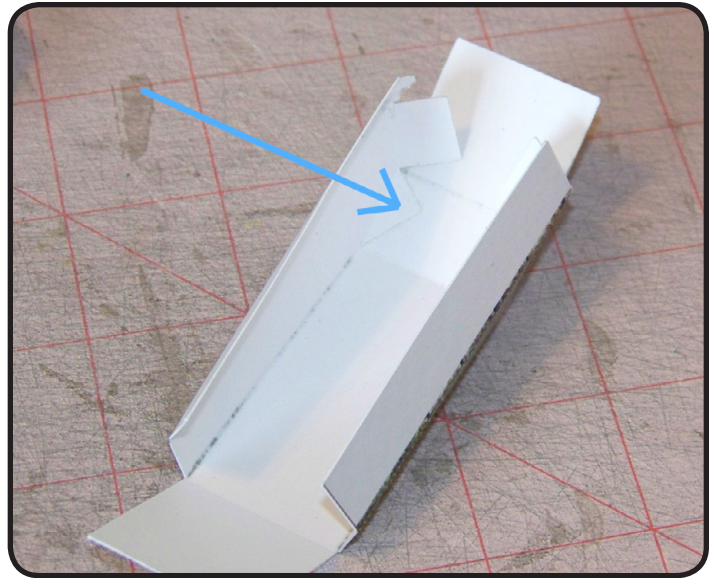
11: Glue the bottom flap just as you did the top flap, one tab at a time.



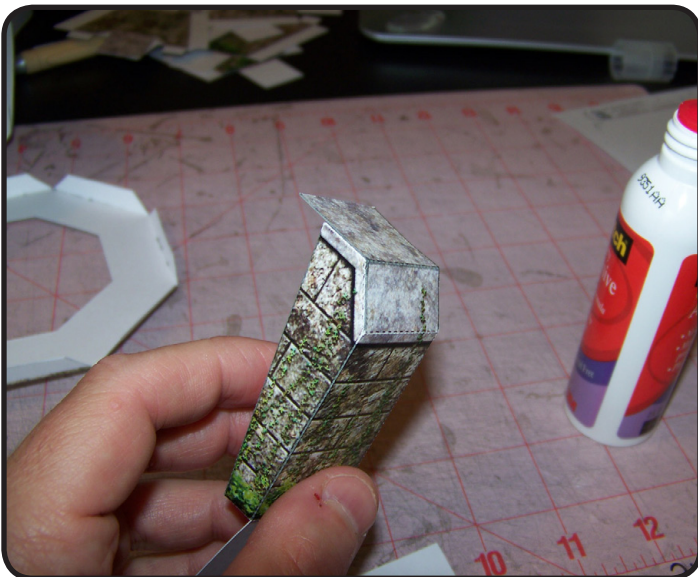
12: The green lines on the bottom face are simply to aid in alignment of the buttresses.  
(STOP YOUR SNICKERING! 'Buttress' is a real word!)



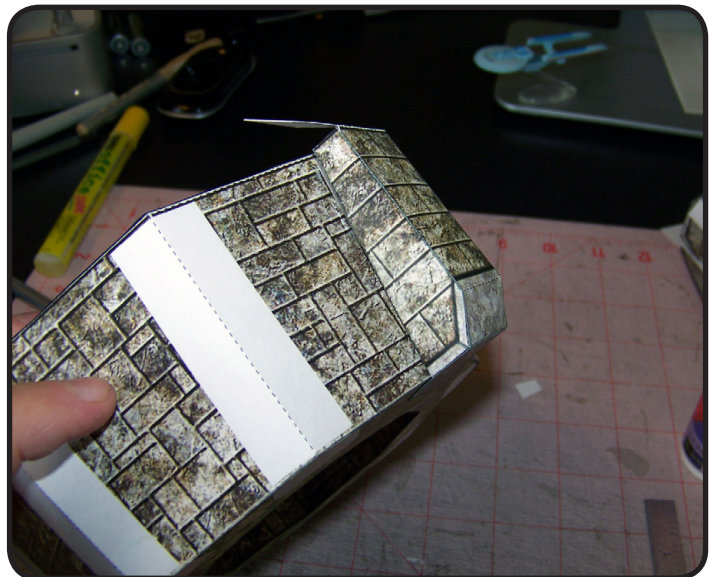
13: The buttresses (*get your mind out of the gutter!*) are very easy to assemble. Cut and score as shown.



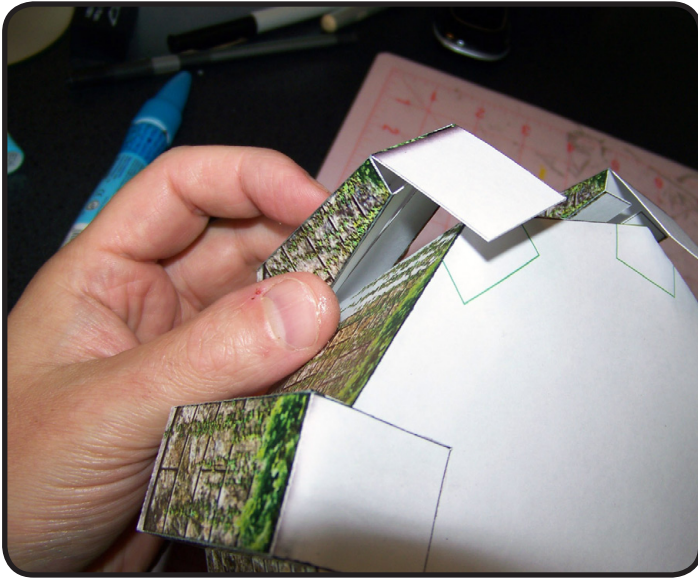
14. Glue the two small triangular tabs first and allow to dry.



15: Glue the upper, larger square tabs next.



16: Glue to the main structure by first gluing the TOP TAB of the buttress.



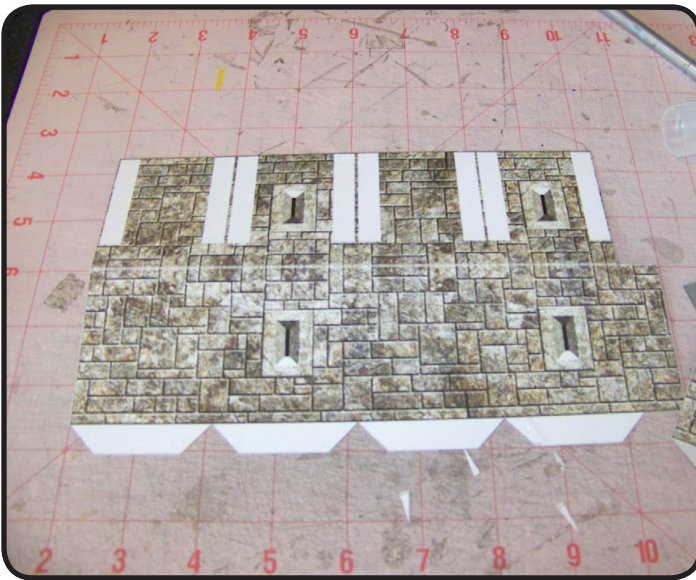
17: Now apply glue to the side tabs and the bottom tab and glue into place.



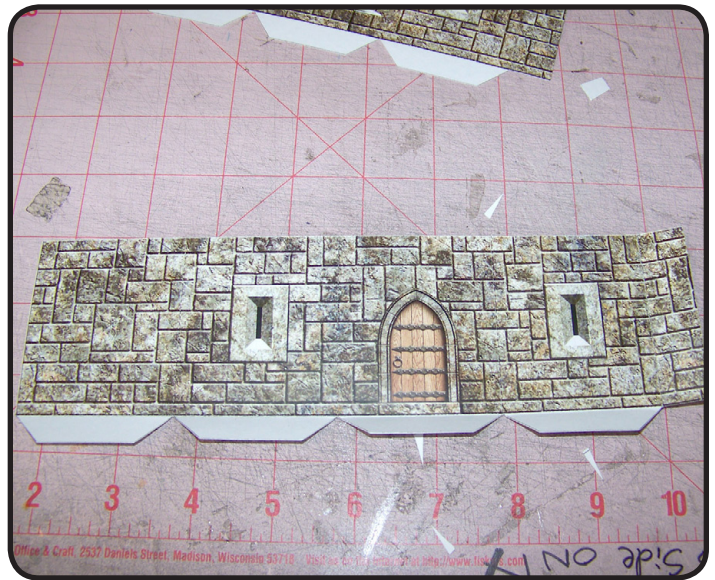
18: The finished lower level should look like this.



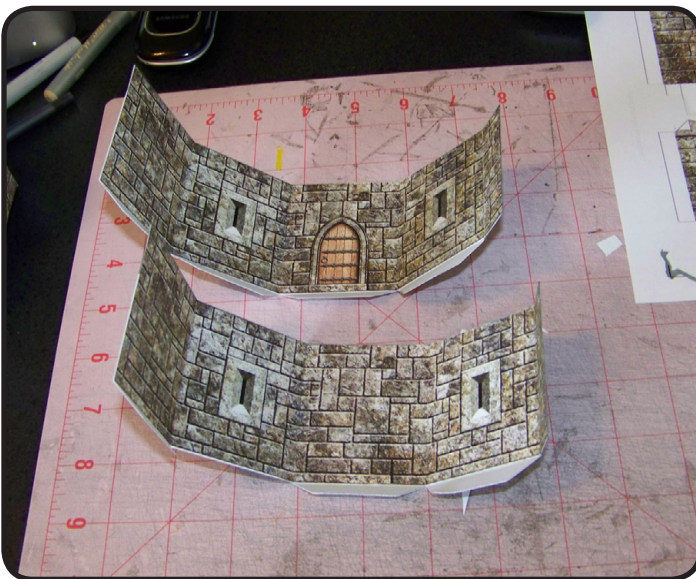
## LEVEL 2



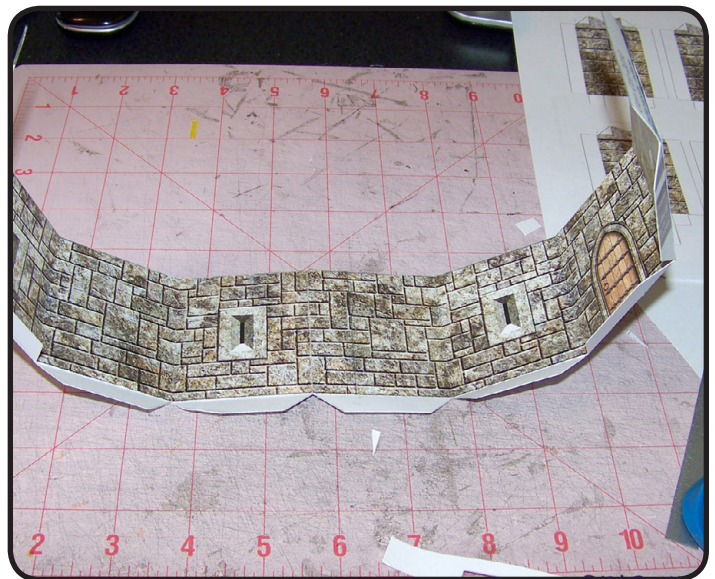
1: The walls for levels 2, 3 & 4 all assemble essentially the same way. Cut, score and test fold as shown.



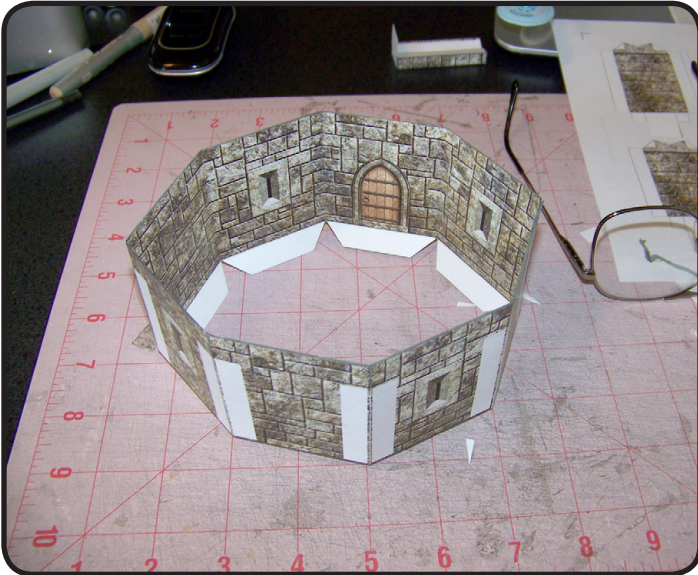
2: Fold over and glue each section as depicted above.



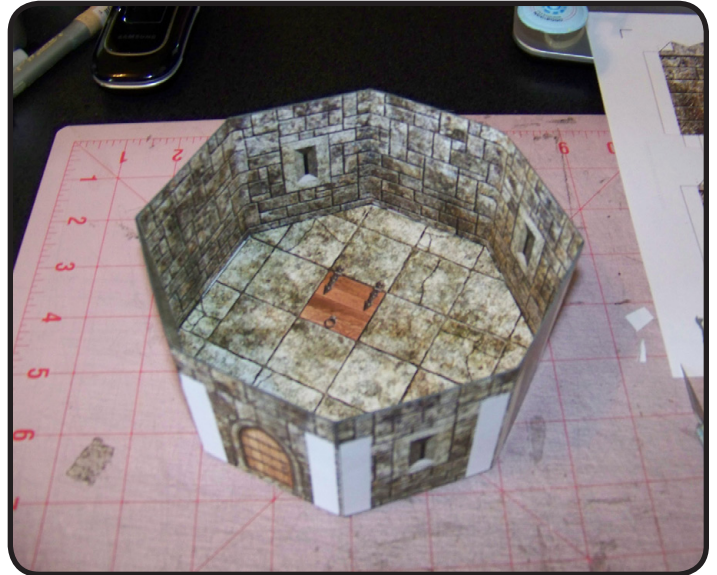
3: Once fully dry, go ahead and fold at the score lines (using a straight edge along the inside face will ensure a crisp fold edge.)



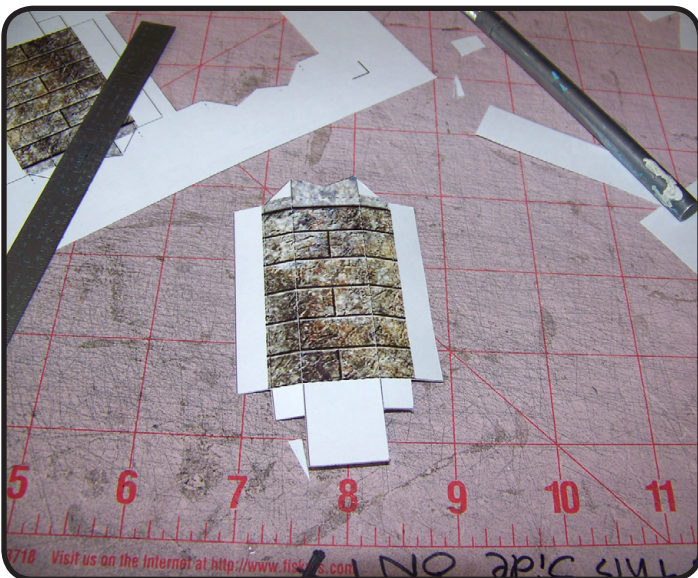
4: Glue the two halves together and allow to dry.



5: Glue into a ring and set aside to fully dry.



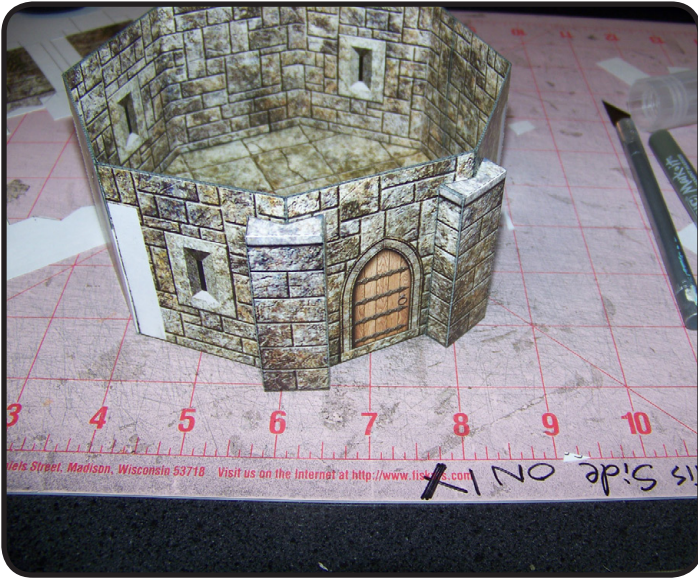
6: Insert and glue the floor into place.



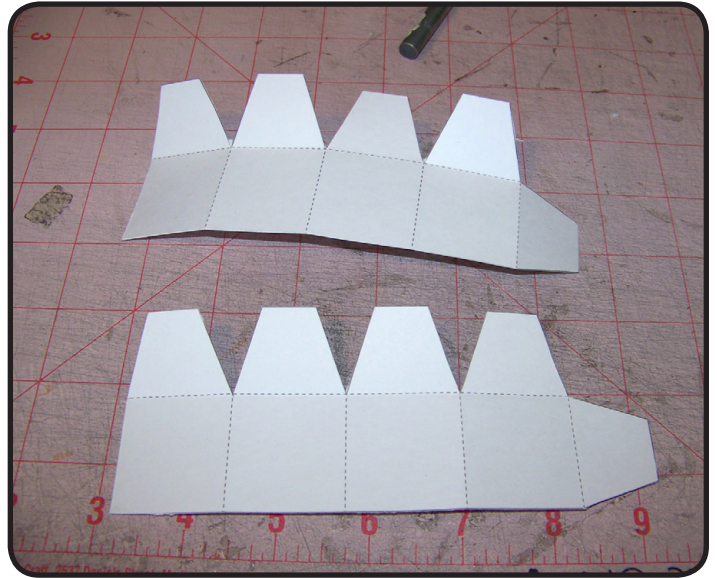
7: Cut, score and test fold the upper buttress pieces.



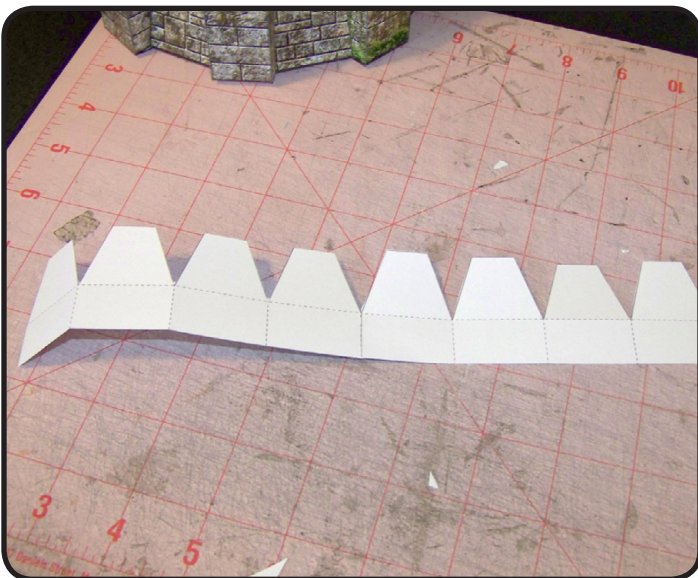
8: Glue the tabs as shown above and allow to dry before proceeding.



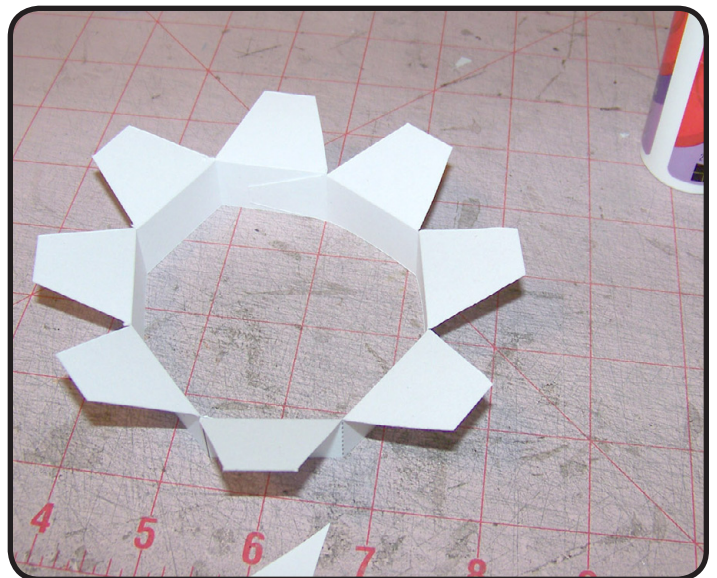
9: These simply glue around the perimeter of the second level.



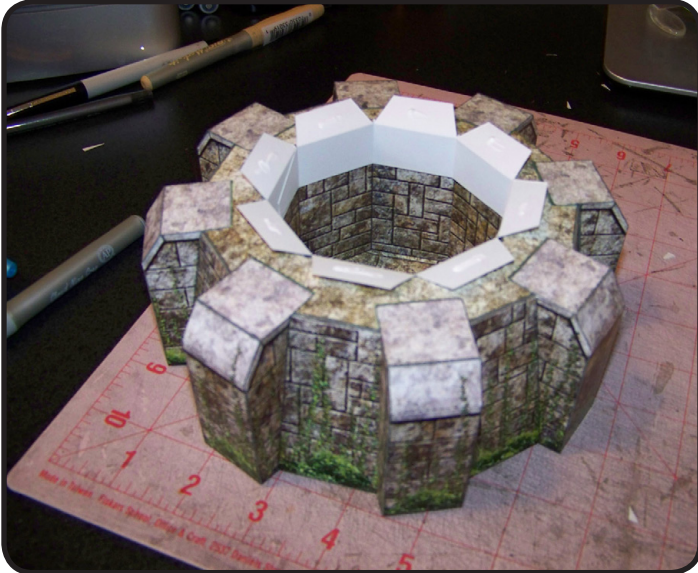
10: An 'adaptor' is required for the second level to align and lock to the first level. Cut, score, yadda yadda yadda...



11: Glue into a single long piece.



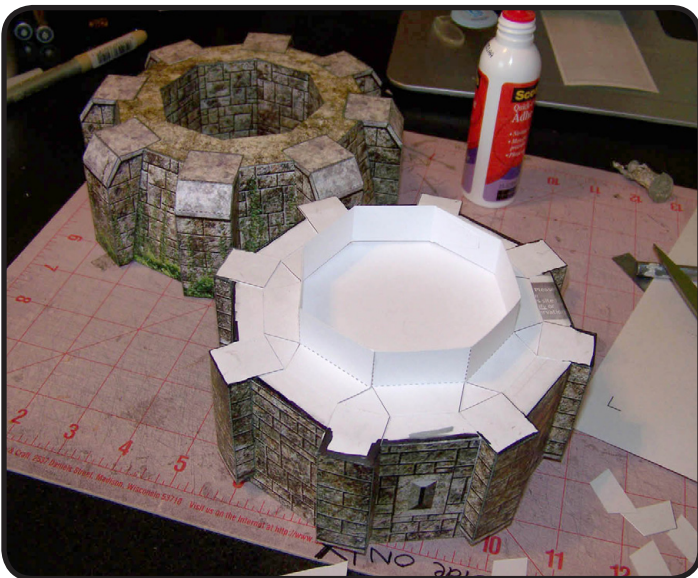
12: Glue into a ring.



13: Insert the finished adaptor into the first level as shown, and place a SMALL drop of glue on the TOP facing side of each tab, being careful not to use so much it leaks over the edges onto level 1 when the two levels are mated together.



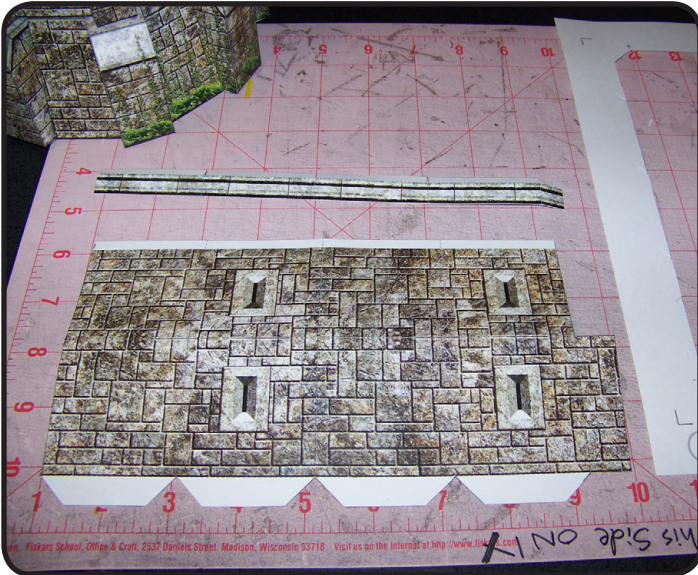
14: Carefully align the level 2 piece and gently press down.



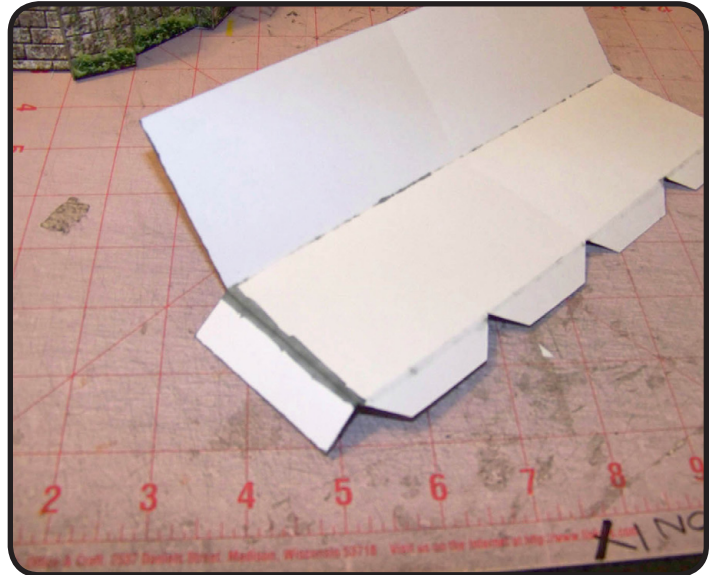
15: The finished adaptor will now be correctly aligned on level 2.



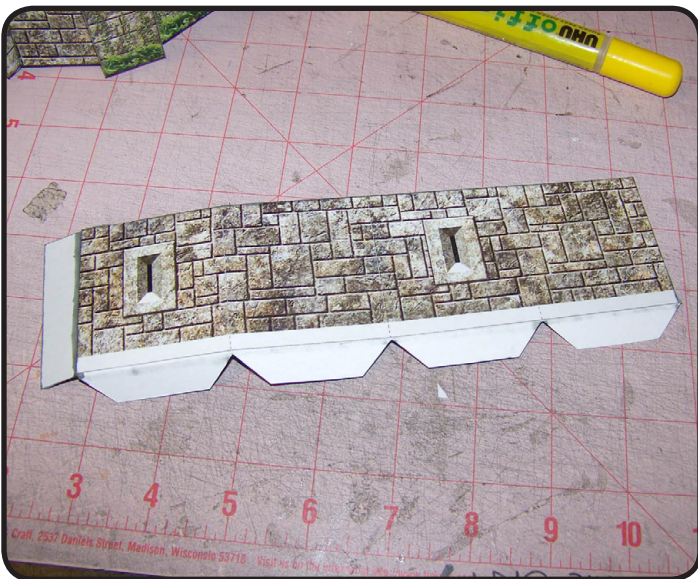
## LEVEL 3



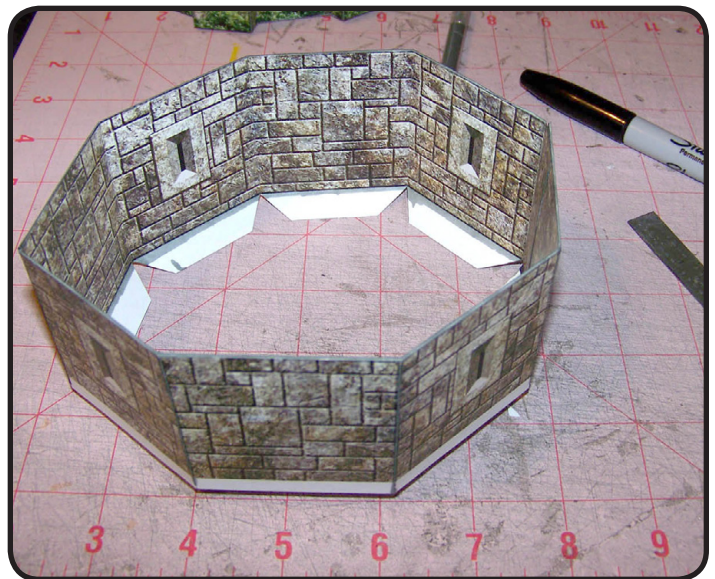
1: Level 3 & 4 have an added addition of a collar ring along their bottom edge to attach to the level below.



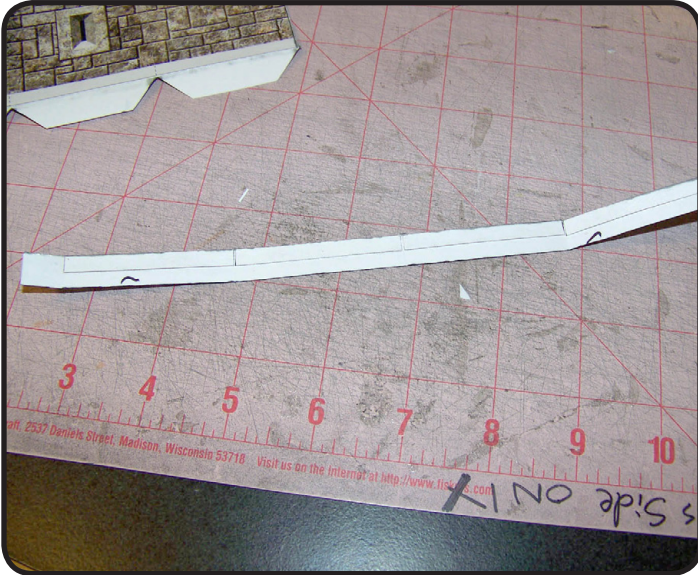
2: Glue the walls as with level 2 (note we've edged the piece prior to gluing as marker ink doesn't usually adhere to glue well.)



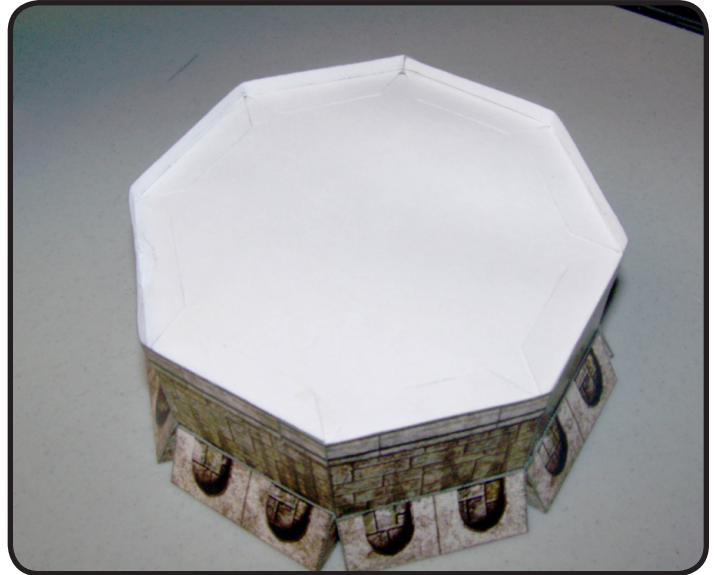
3: Glue in half, the side with the white lower edge is the outward facing side.



4: Glue into a ring and allow to dry. Then glue the floor piece into place.



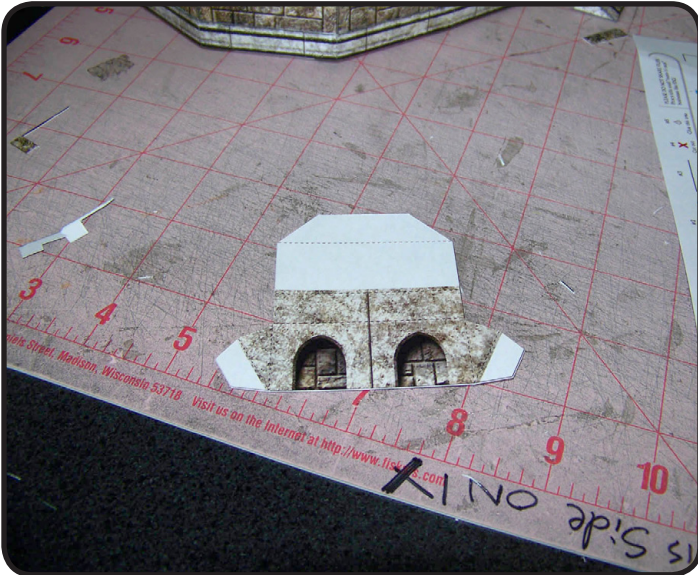
5: Fold the small tabs over and glue on each collar strip as shown. This 'double thickness' edge is what will glue to the model sides.



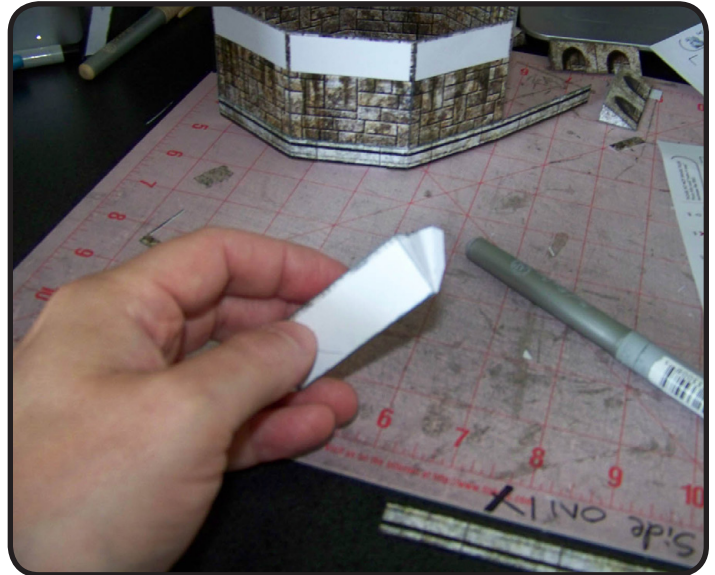
6: Glue the collar to the lower edge, one strip at a time. Glue the double thick portion to the model, allowing the single layer portion to drop below the bottom of the model. This will 'grip' the walls of the level below.



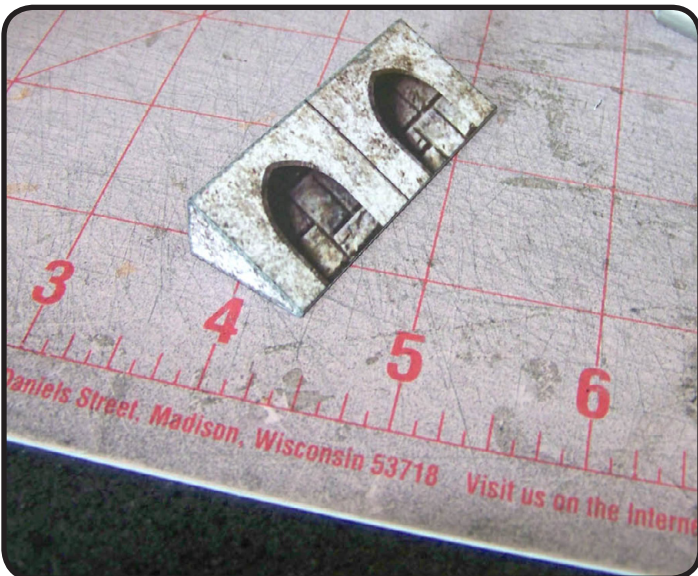
## LEVEL 4



1: Level 4 is just like level 3, except it also has the addition of the supports for the tower top level. Cut and score each of these as shown.



2: begin by gluing the long edge first (it's OK to squeeze the lower edge to make sure the tab glues flat, you won't damage the piece.)



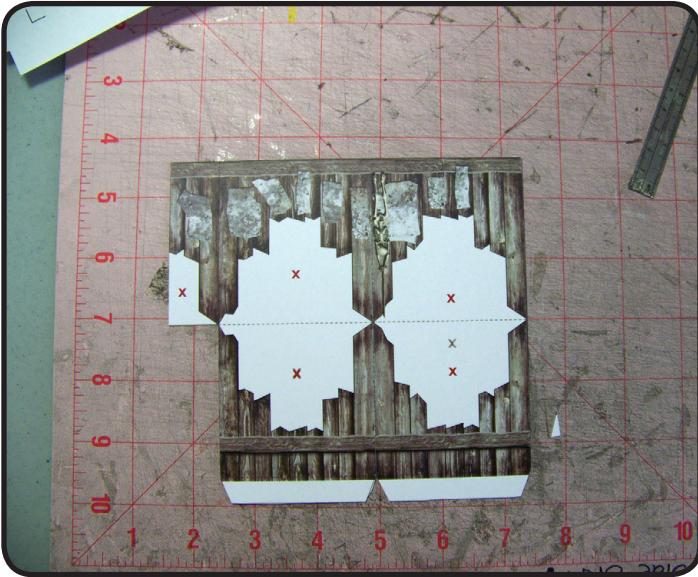
3: Finish by gluing the end flaps into place.



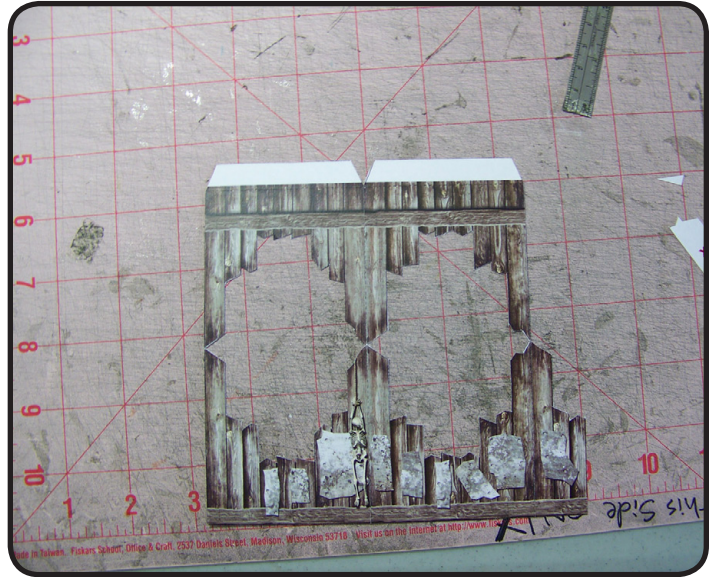
4: Glue each support around the upper perimeter of the outer wall.



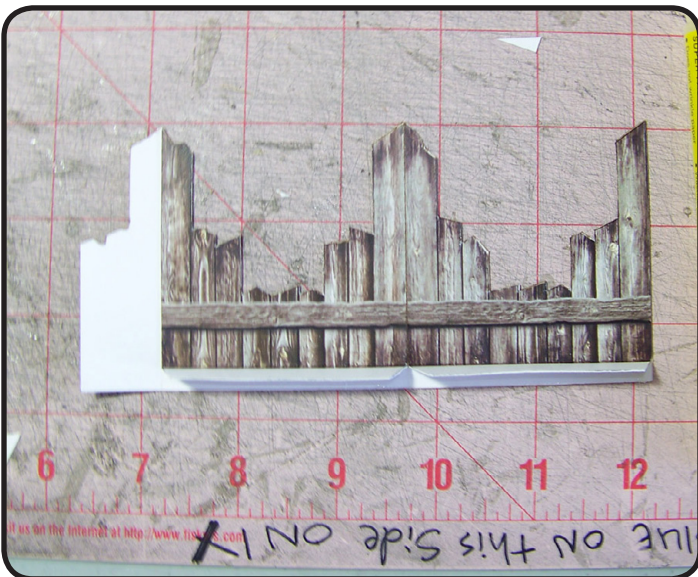
## LEVEL 5



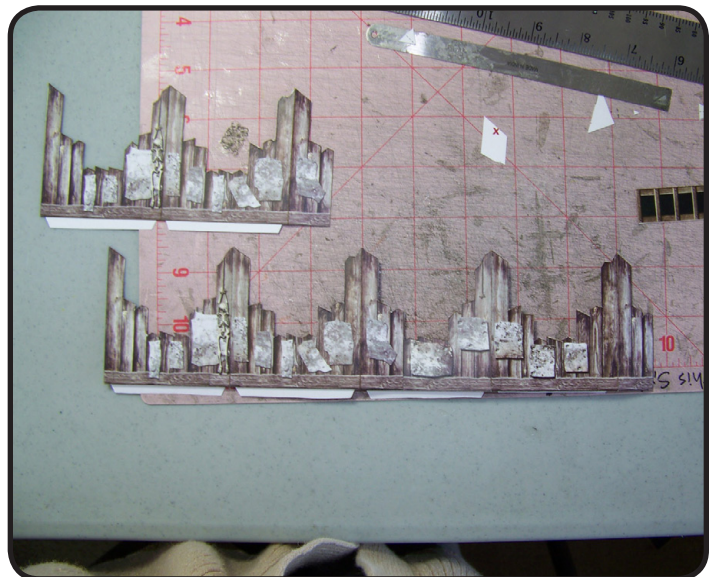
1: The top 'crenelations' (if you can call them that) assemble just like the lower floors. You can cut out the center sections before folding over and gluing, or leave the white area intact until folded over and then cut out (more accurate.)



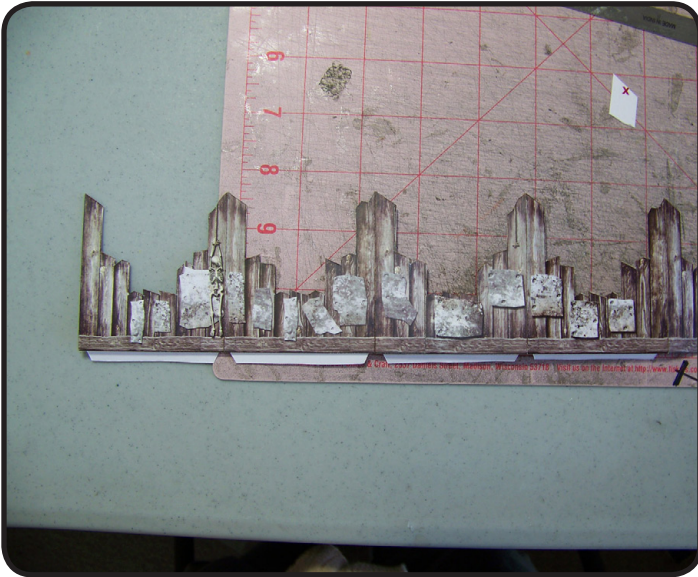
2: I opted to cut them out before folding over and gluing as cutting through two layers of cardstock can be difficult, and since this is supposed to be ragged wood anyway it really doesn't make a difference.



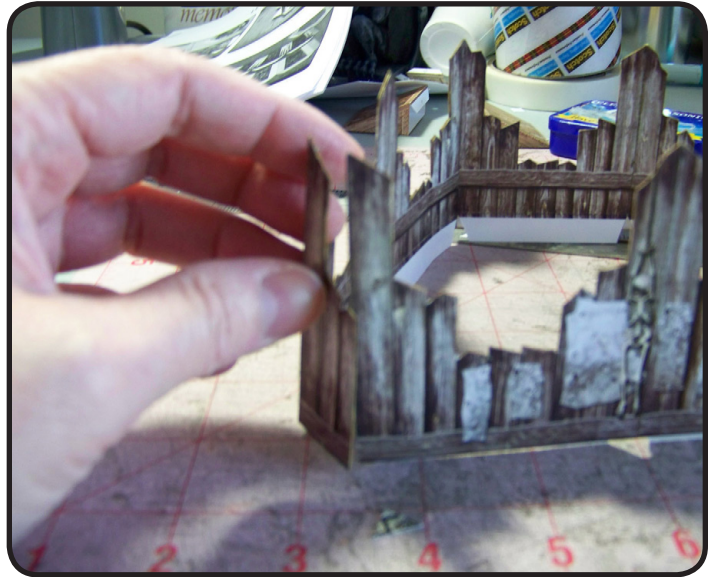
3: Fold over and glue, making sure the lower tabs for the floor are folded outward (shown.)



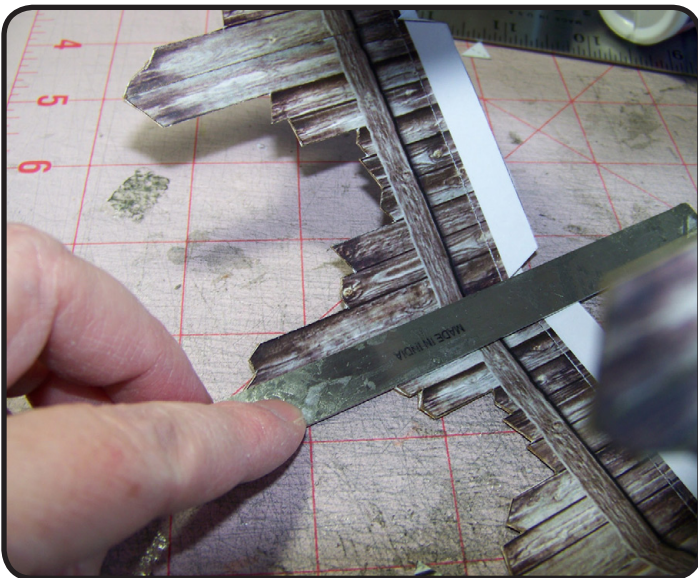
4: Begin gluing each individual section to another as shown.



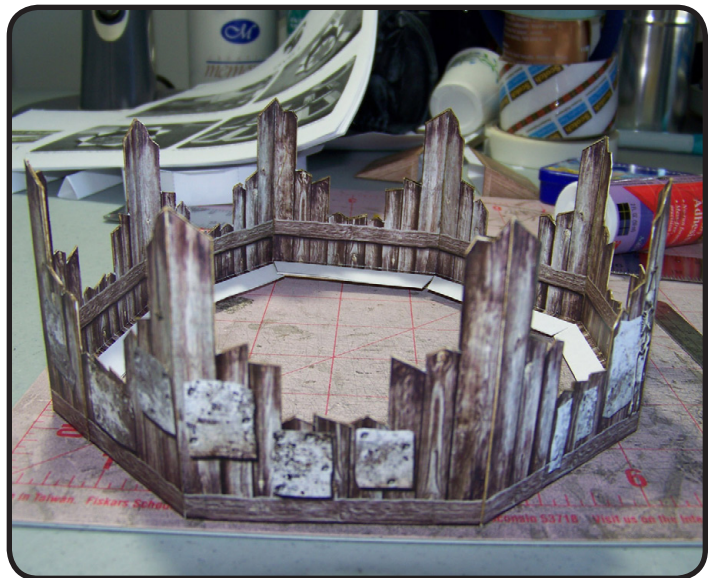
5: Finish gluing all pieces into one long strip.



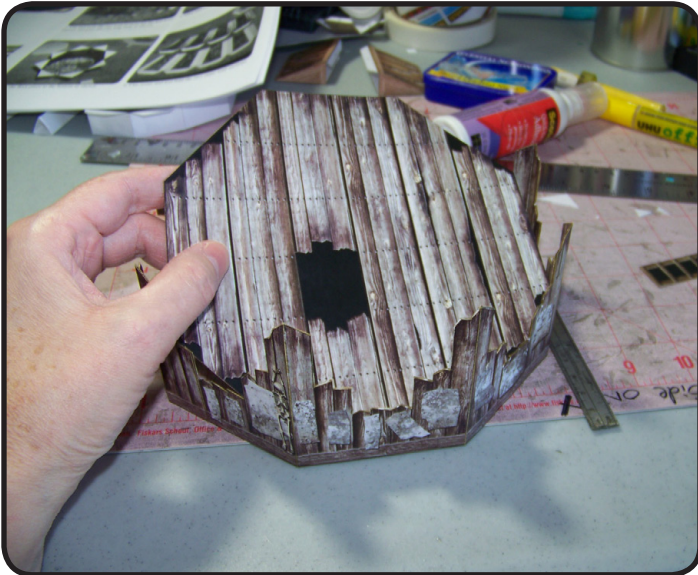
6: Finish by gluing the last two ends together, forming an octagon.



7: You can easily apply pressure on the tabs with a ruler while they dry.



8: Work around the perimeter, folding each corner until you get close to having an octagon shape.



9: Glue the upper floor into place.



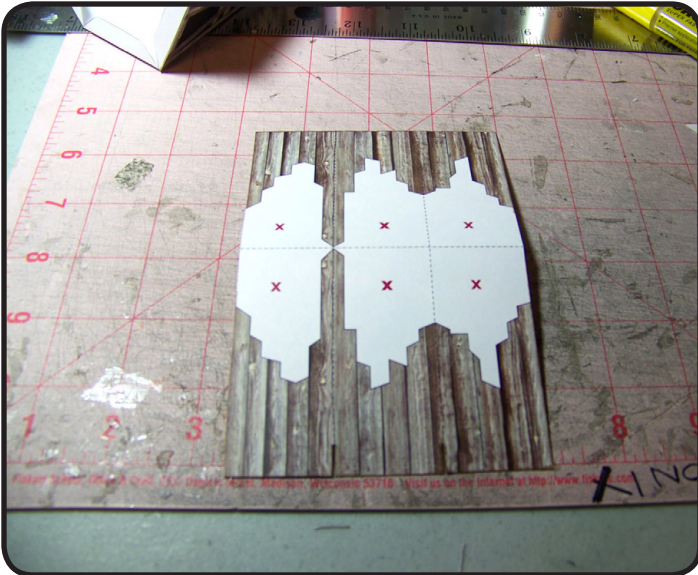
10: Glue the lower floor (optional) to the underside of the top cap.



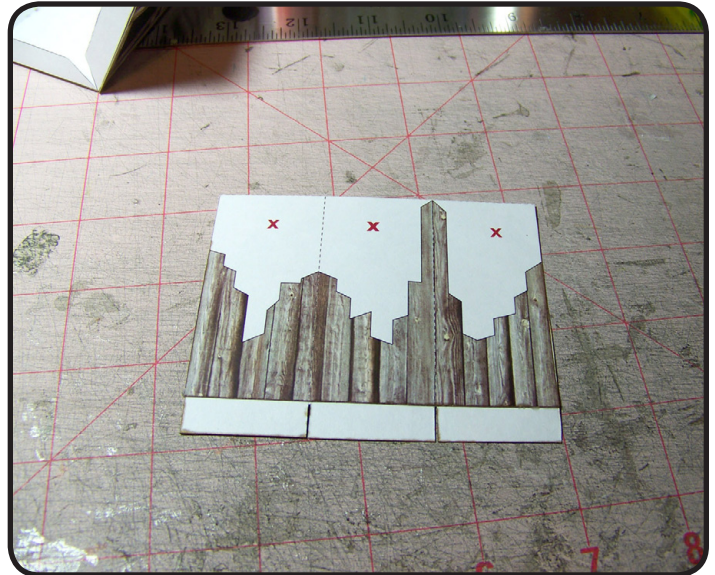
11: The finished top cap.



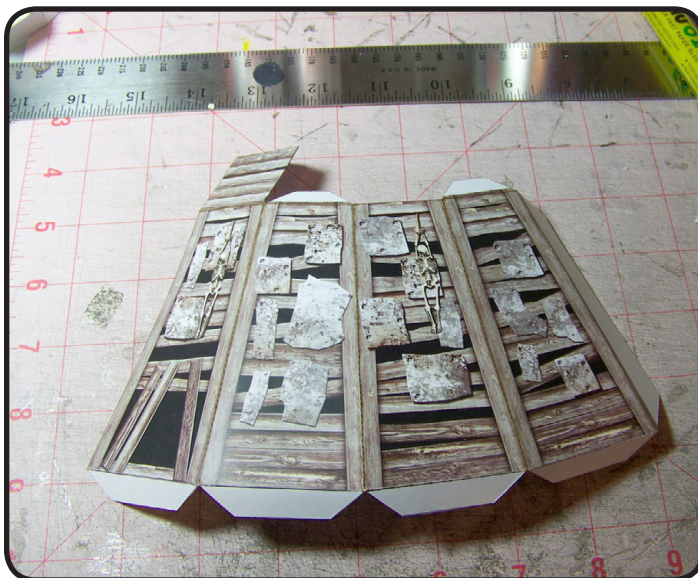
## Top perch



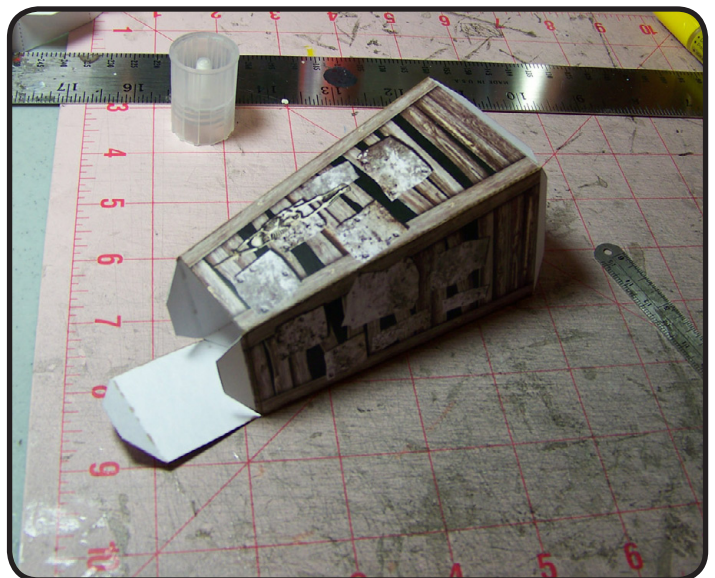
1: As with the previous wall models, these just fold and glue in half. Cut out as depicted above.



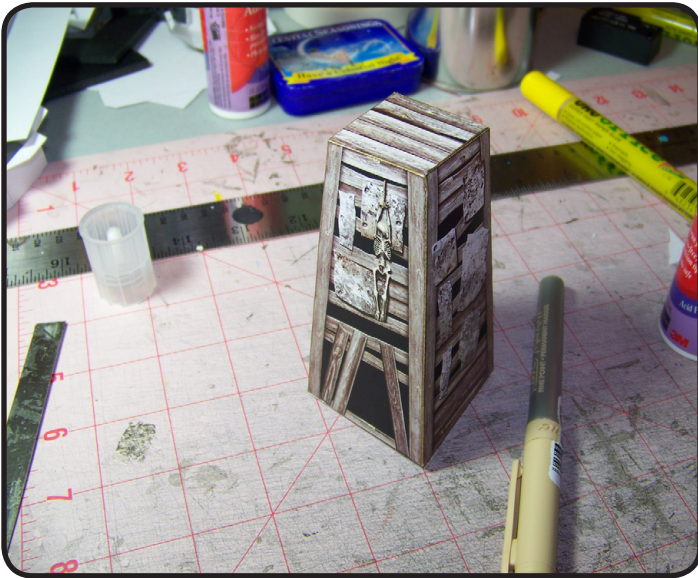
2: Fold and glue in half. Cut out the center white areas when dry.



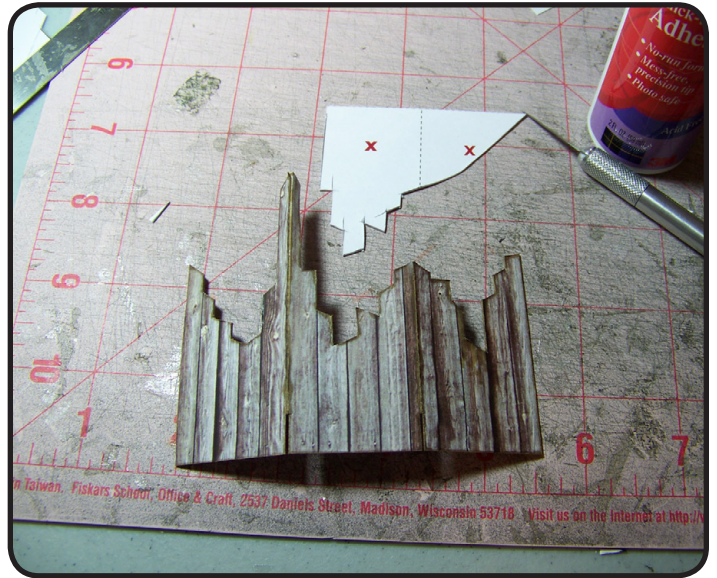
3: Cut, score and test fold the framework as shown.



4: Glue the long side tab next.



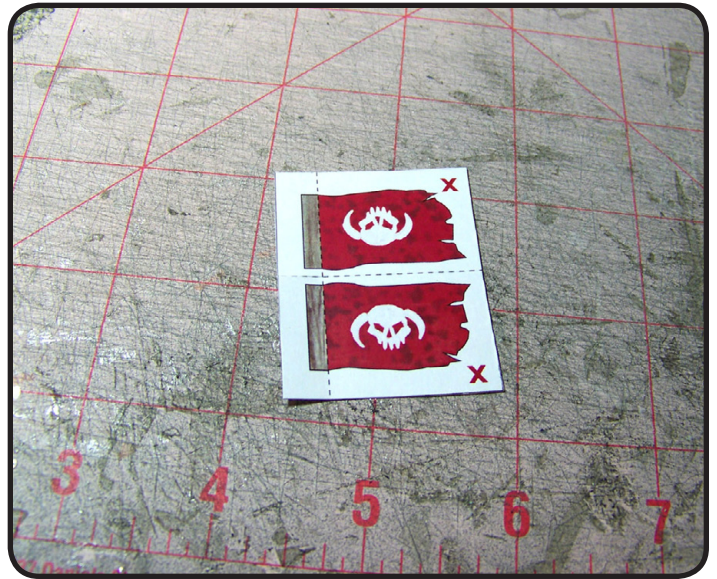
5: Fold over and glue the top flap.



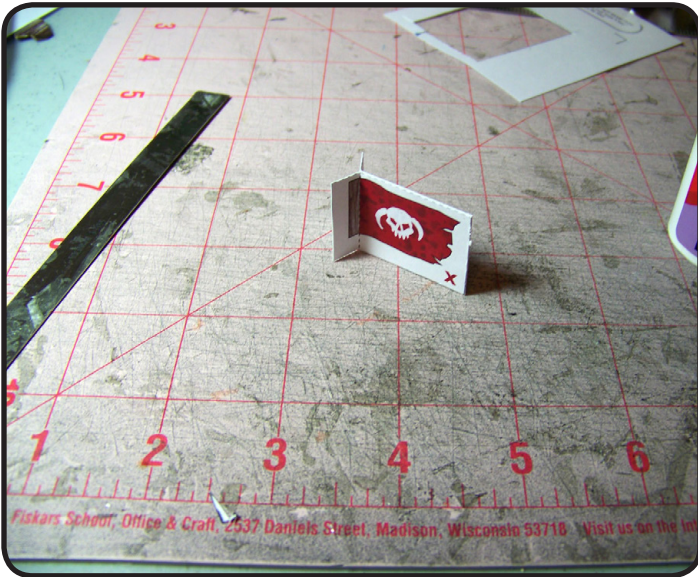
6: Test fold the upper section (from steps 1 & 2.)



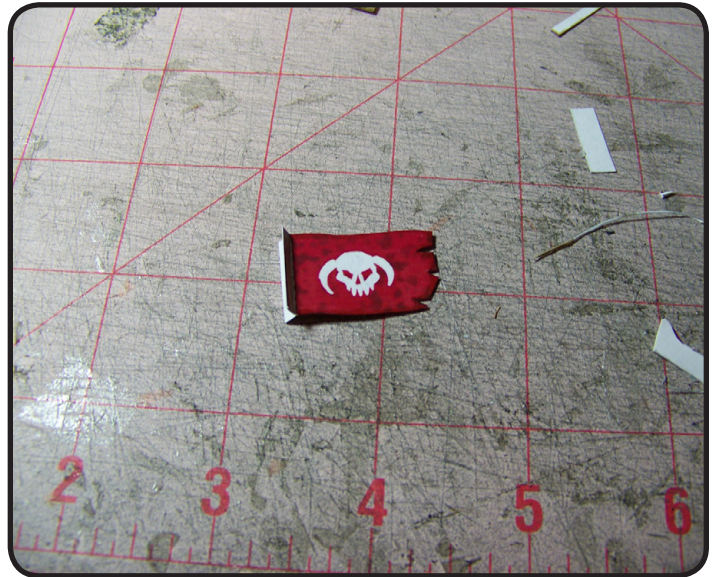
7: Glue the two sections together as shown above.



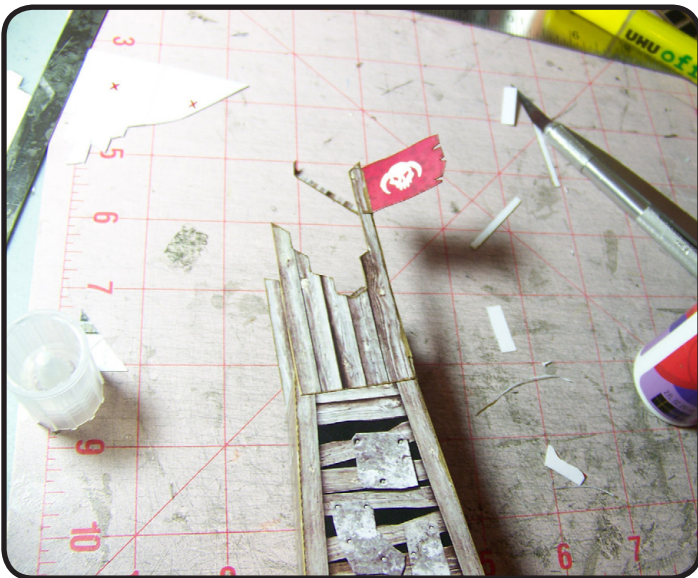
8: Cut and score the flag piece.



9: Glue the main section in half, but make sure the small end tabs are folded outward.



10: Cut out the remaining white areas.



11: Glue to the top of the perch as shown.

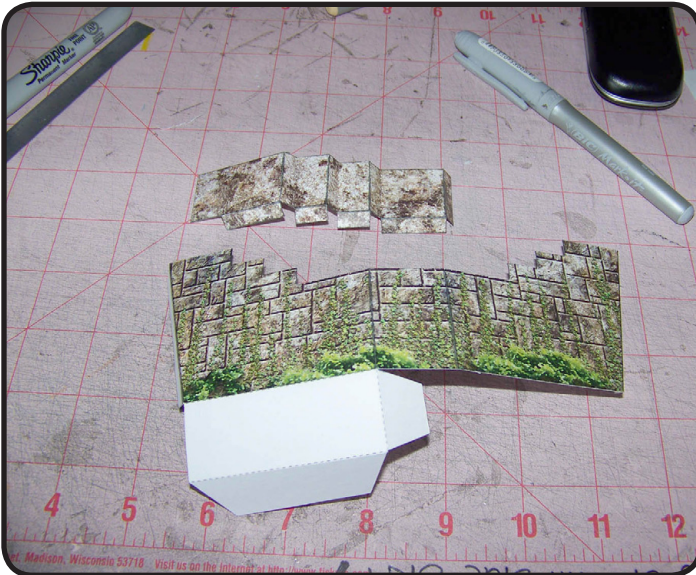


Just a quick FYI folks; I always try to keep an eye out for new glues to use and found this at Wal Mart in the scrapbooking aisle. It dries almost as soon as you apply it. The bond is as tight or tighter than any other glue I use and it has an applicator tip that is TINY- perfect for small edges and flaps! GET SOME TODAY!

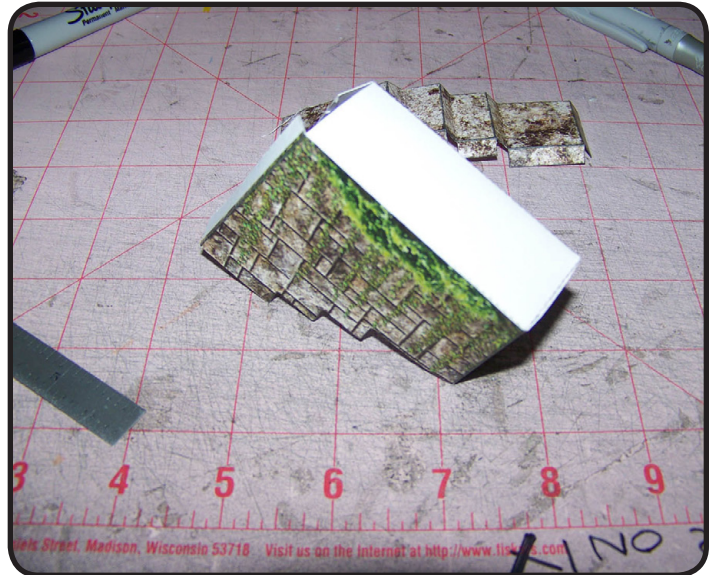


There are two options included for the entrance of the tower, a set of finished stairs, and a makeshift ramp over a ruined stair section.

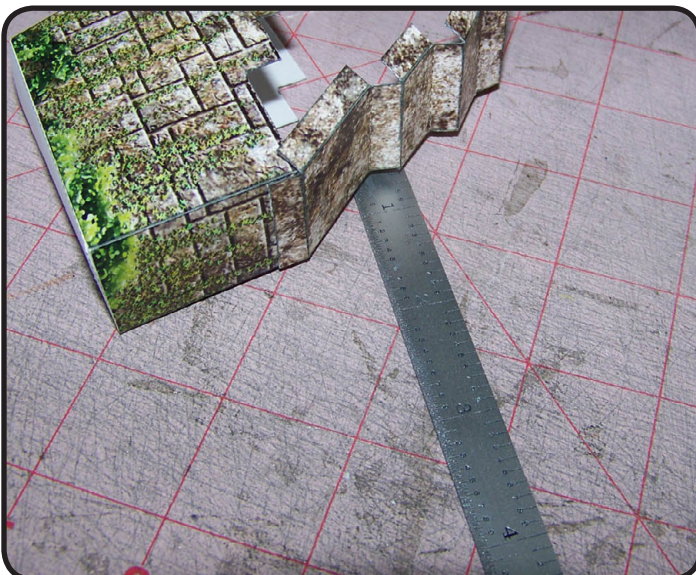
## STAIRS



1: UPPER SECTION. Cut, sco... do I really need to say it?



2: Glue the bottom flap first.



3: Begin by gluing the rear tab on one end and allow to dry.



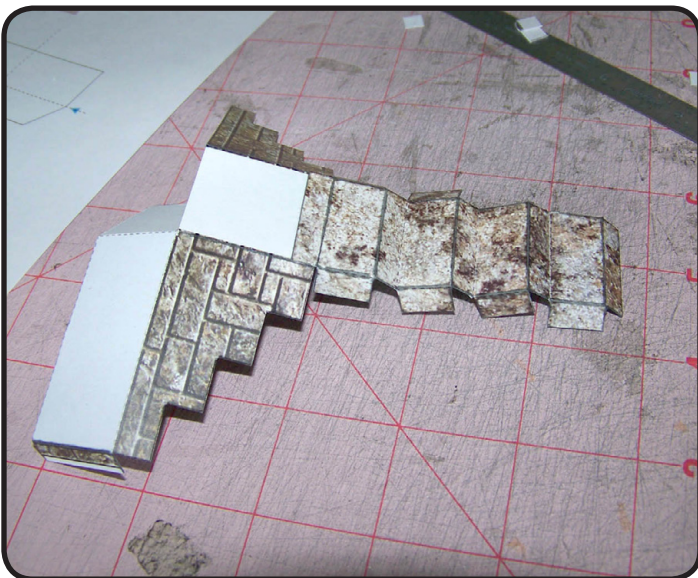
4: Glue the two side flaps and set aside to dry. Glue only two flaps at a time!



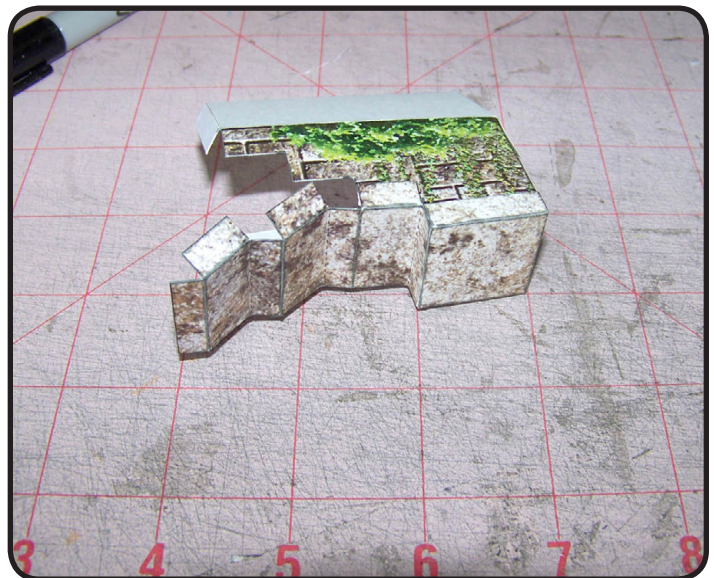
5: Proceed through the remaining tabs, working two sides at a time until finished.



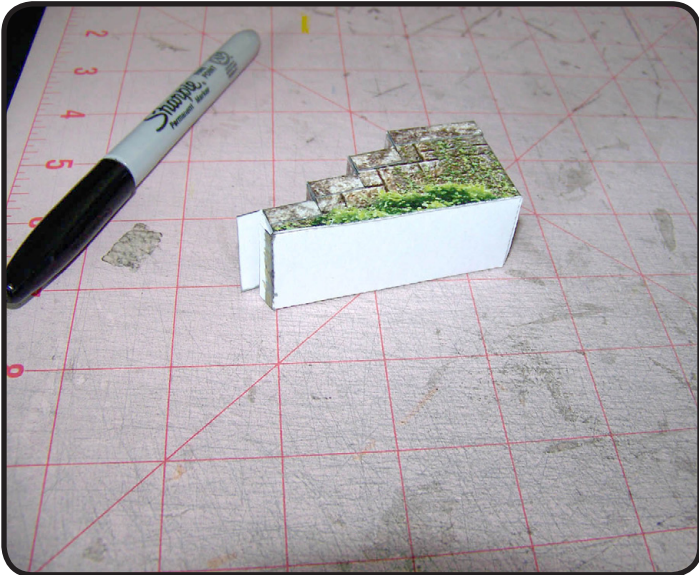
6: The completed upper section. Note the extension on the rear, this DOES NOT FOLD DOWNWARD!



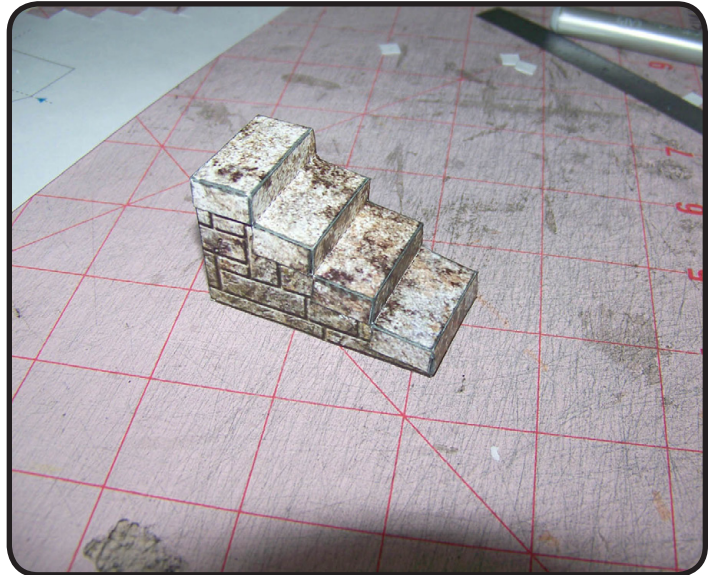
7: LOWER SECTION: Do not glue the bottom flap first like you did with the upper section, but rather start with the stair treads as shown.



8: Work one set of tabs at a time, waiting for each section to dry before proceeding to the next set.



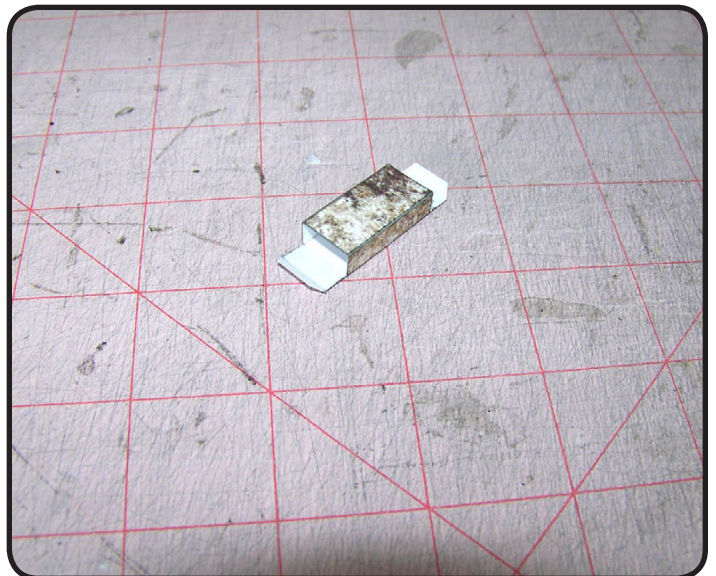
9: Glue the bottom flap into place, then glue the front edge flap to finish it off.



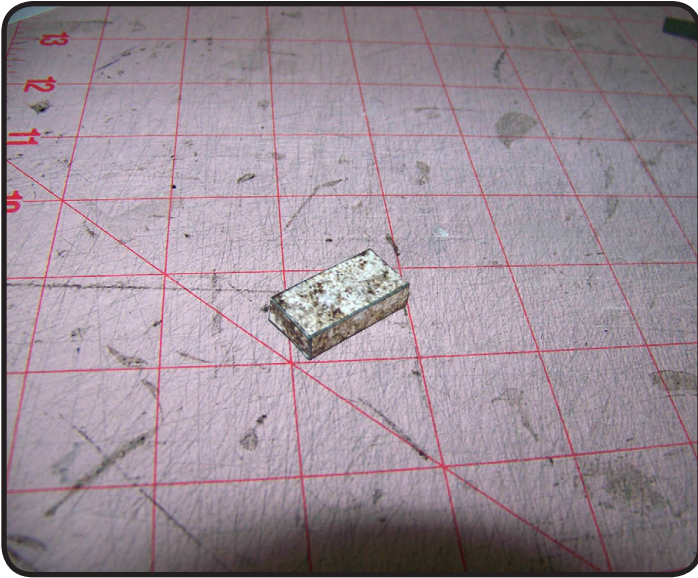
10: The completed lower stair piece.



11: To allow minis with larger bases to 'stand' on the narrow stair treads, we've included these handy-dandy adaptors!



12: Glue the long flap first.

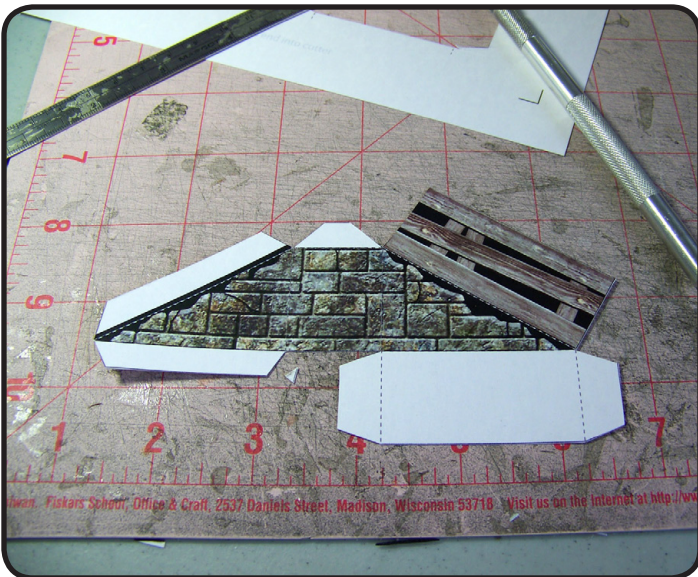


13: Finish by gluing the side flaps.

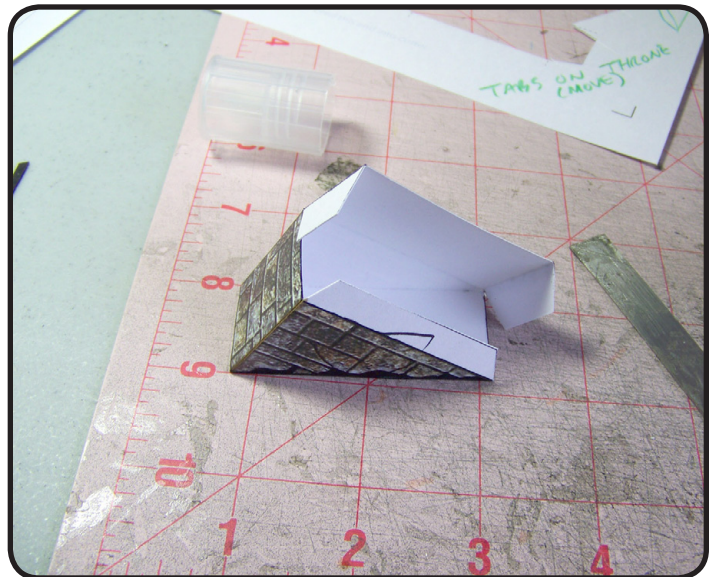


14: You can now place these under your mini to allow it to stand on the narrow stairs.

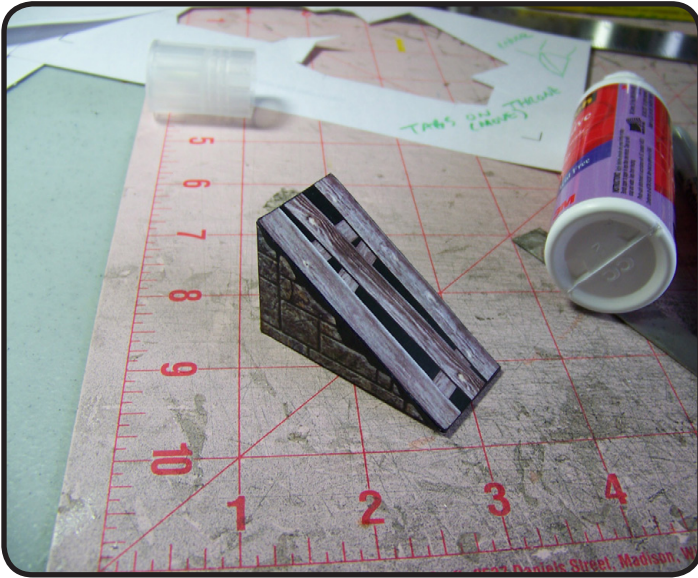
## Makeshift ramp



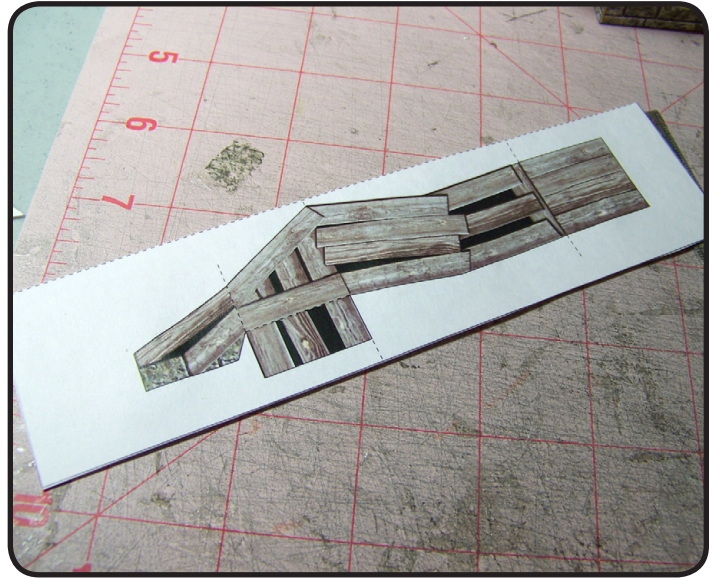
1: Cut and score the lower section.



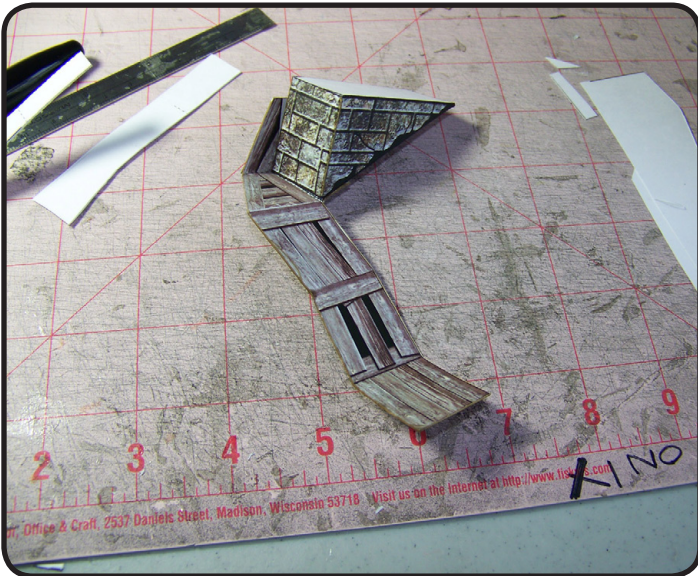
2: Glue both tabs for the upper inclined face.



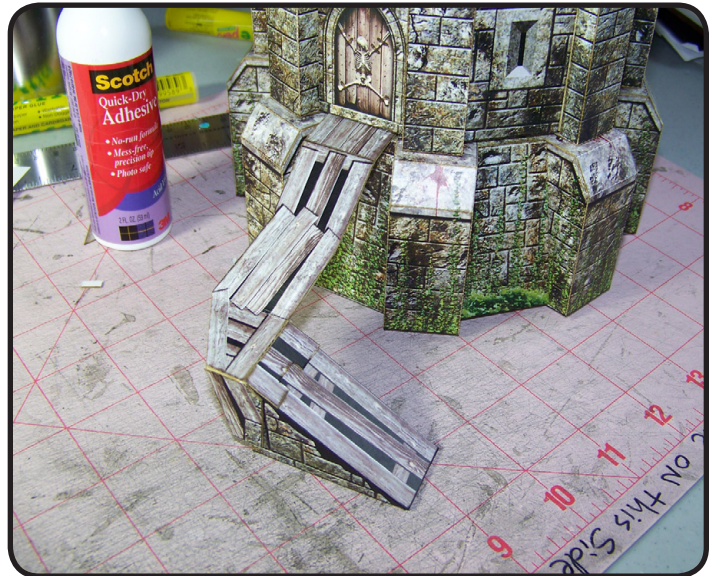
3: Finish by gluing the lower flap.



4: Fold and glue the ramp section as shown. When fully dry cut away the white areas.



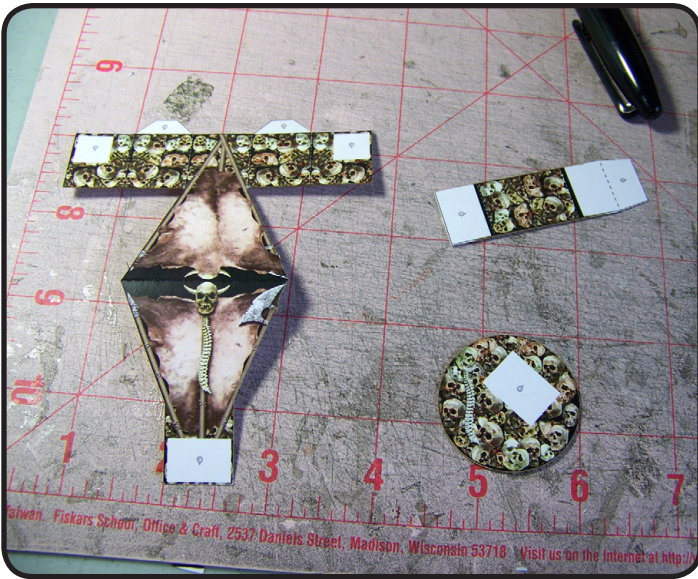
5: Glue the ramp to the lower section as shown.



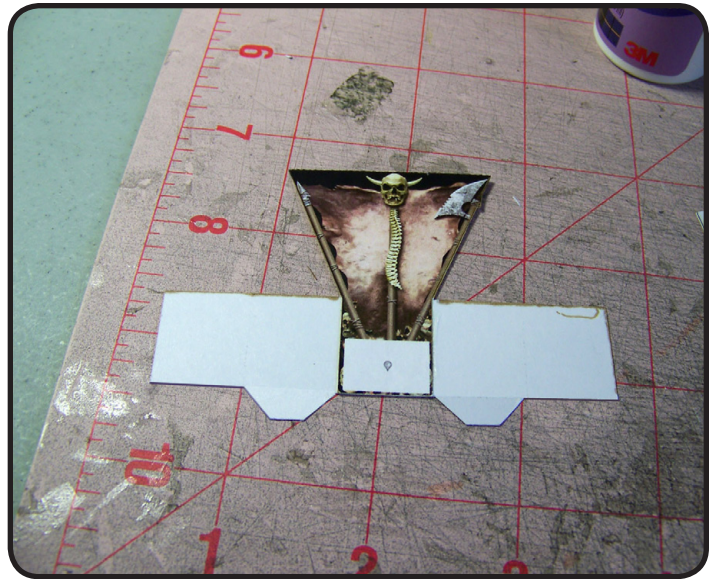
6: The upper lip of the ramp inserts between the first two levels of the tower.



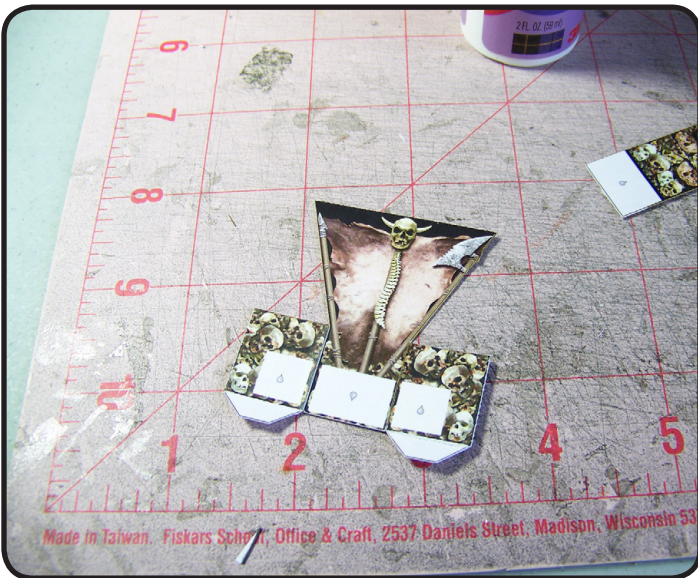
## Orc bone throne



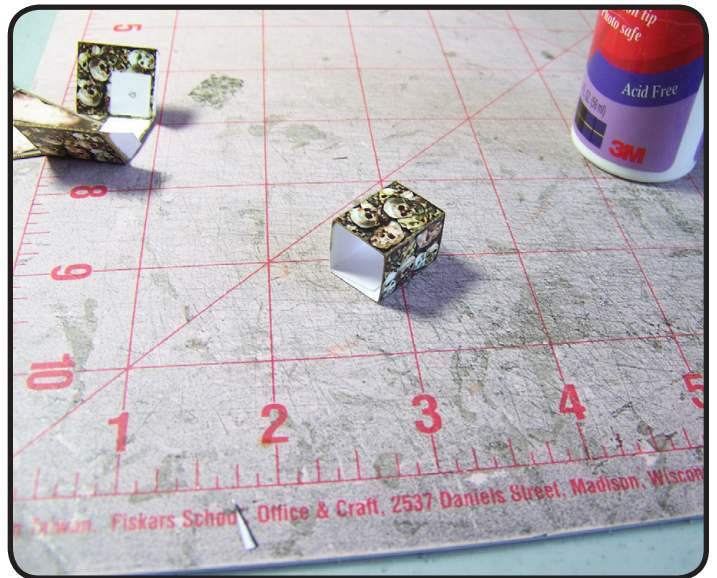
1: Cut and score all pieces as shown in the photo.



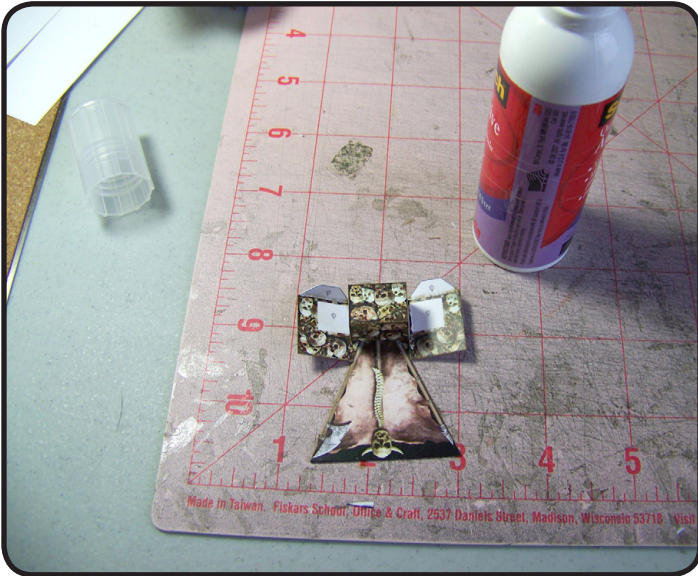
2: Fold the center flap of the main piece over and glue.



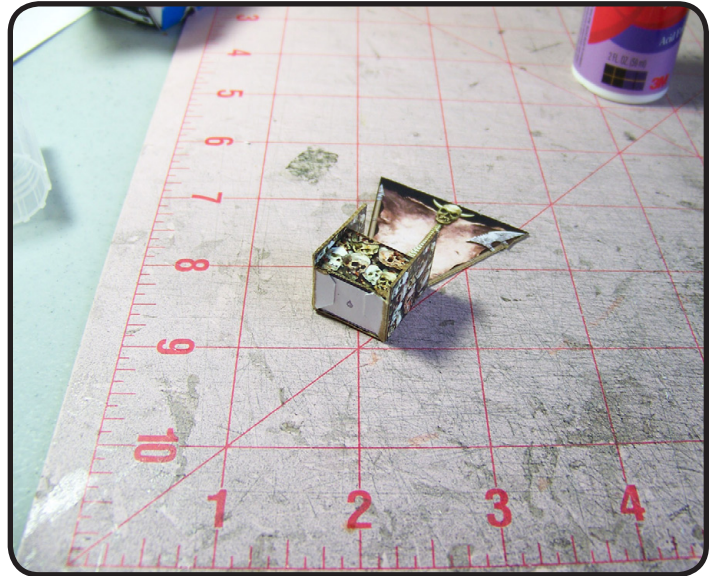
3: Fold each side flap over toward the center and glue.



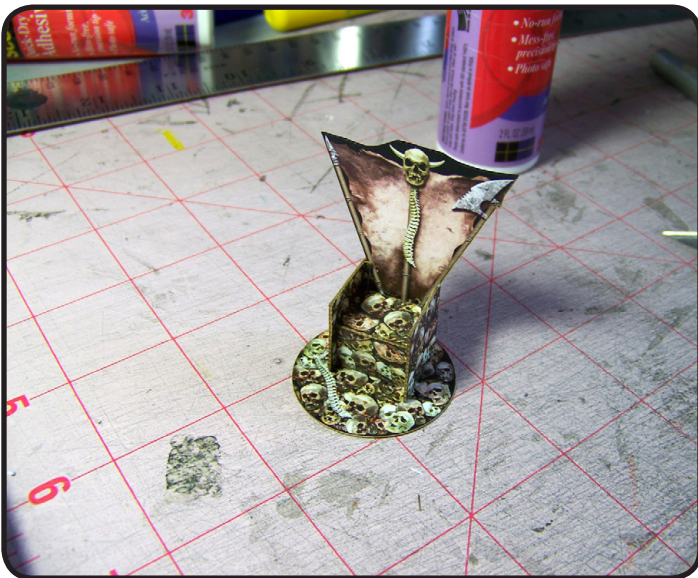
4: Fold the center seat into a rectangle and glue.



5: Glue the seat to the rear face of the main throne piece.



6: Fold the side flaps of the throne over and glue to the center seat.



7: Finish by gluing to the base piece.

