

REALMS OF THE DWARF LORDS

F A T D R A G O N G A M E S



MOUNTAINS & CLIFFS

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Note: Before proceeding with these instructions, please read the beginners guide PDF document included with this model which includes a complete list of necessary materials to construct this model. We recommend that you browse all the way through this set of instructions before beginning. Customers with CRAFTROBO and SILHOUETTE SD autocutters can download free GSD cut files for this set at the FDG website.

DRAGON LAYERS: Many of these files have multiple texture options to simulate different types of rock, grass, and foliage. Check the Beginners Guide for info on how to select these various texture options.

CLIFF EDGE SHAPES: There are two different front edges to the straight cliff sides, designated 'A2' and 'A3'. These are mirror images of each other, allowing them to match up if placed face-to-face. Make sure when printing that you print the same FRONT piece as the TOP/BOTTOM pieces (i.e. all A2 style or all A3 style for a particular model. A2 & A3 may seem like odd names for them, but future sets will have A1, A4, etc. and will make more sense as more sets are released.

E-Z LOCK: Please note that the cut templates for the E-Z LOCK system are on optional layers and you can turn them on/off as desired.

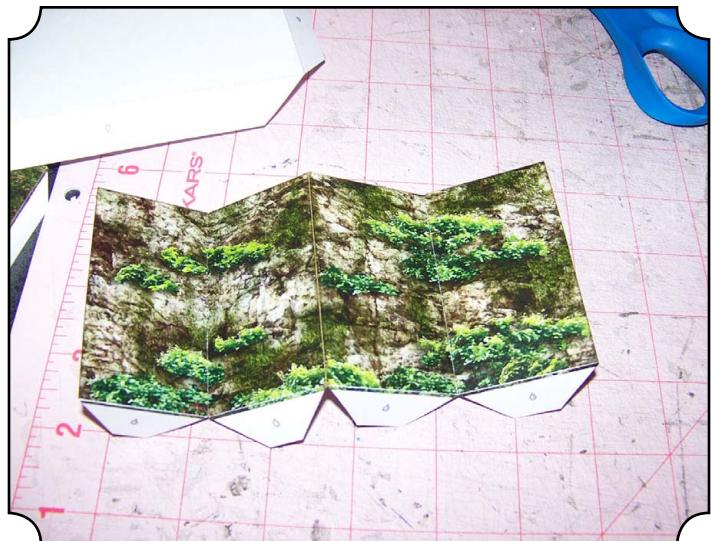
Model geometry lead designer: Matthias Koecher

Model geometry assistant designer & texture art: Tom Tullis

CLIFF SIDE



1: Cut and test fold the side and rear pieces as shown.



2: Cut, score and test fold the front piece.

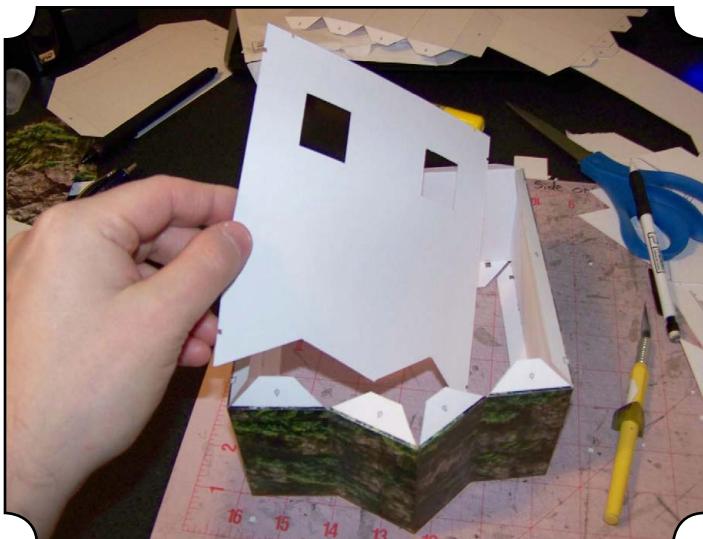
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3: Glue the two side pieces to the front piece and allow to dry.



4: Glue the rear wall in place.



5: Flip upside down on a table. Insert a second 'bottom' piece in through the bottom as shown (text side facing toward table/up on finished model.) This serves as a bulkhead to force the walls into their final shape.

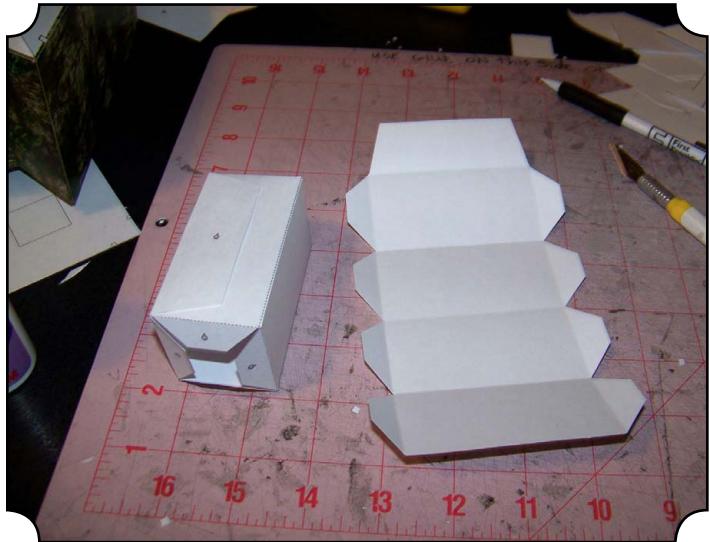


6: Flip the model up, you should see the piece you just glued, tabs on TOP of it, and be able to read the text.

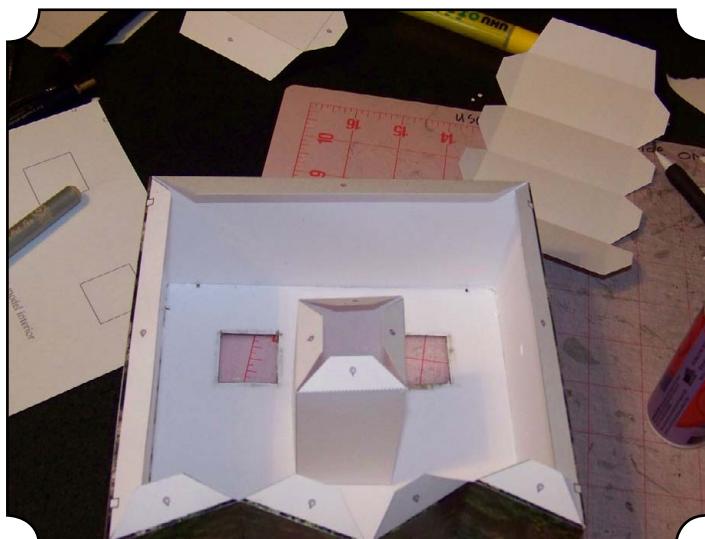
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7: Glue the top into place as shown.



8: The internal support pieces simply fold & glue into a tube as shown.



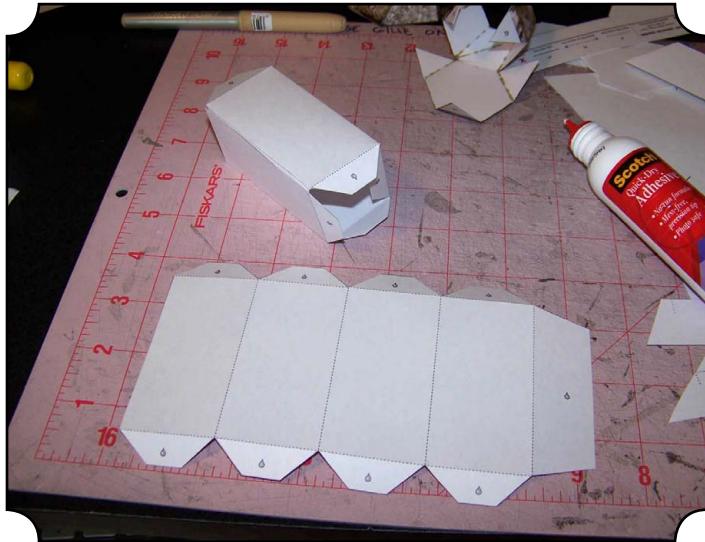
9: Glue the support in the center of the model interior.



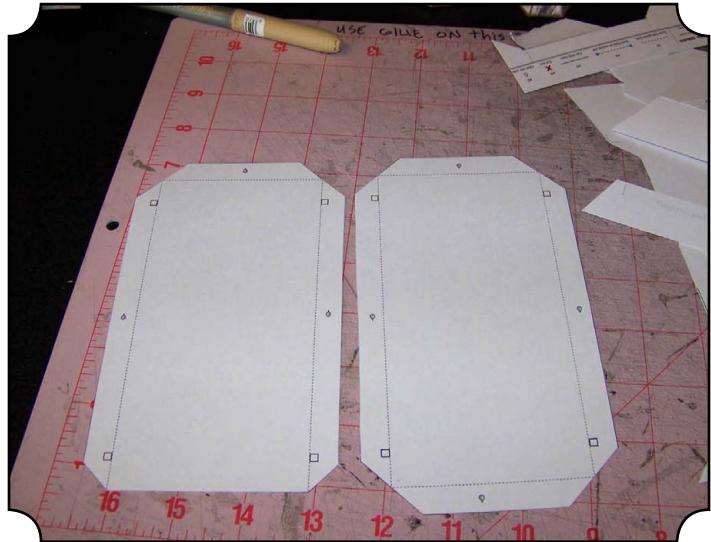
10: Glue the bottom into place. It's best to glue only one edge, making sure it is properly aligned, and once dry glue the remaining edges.

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CLIFF CORNER



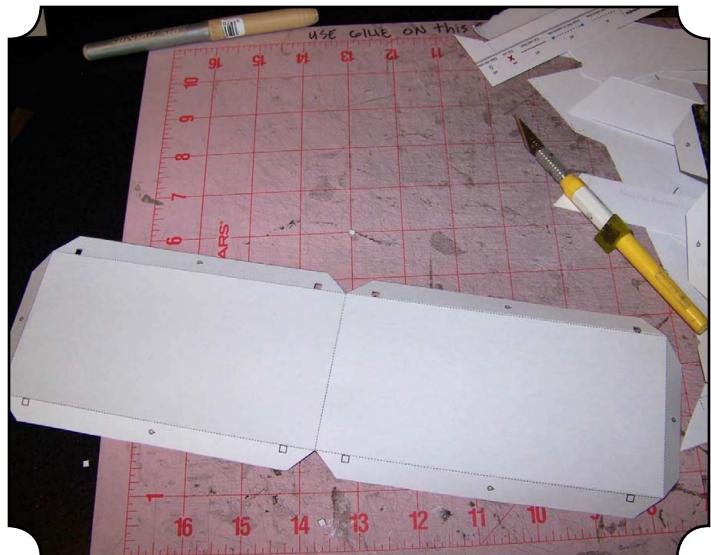
1: Make an interior support the appropriate height for the corner you are building.



2: Cut and score the two side pieces.



3: Cut, score and test fold the front piece.



4: Glue the two side pieces as shown.

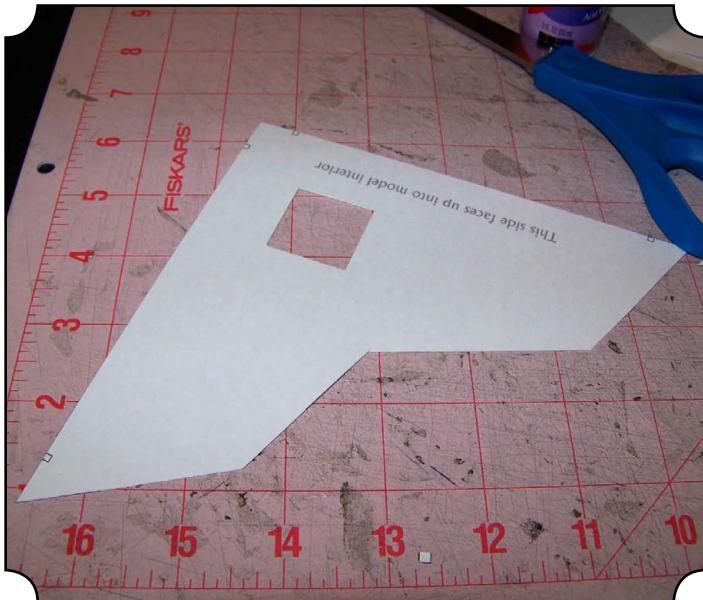
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5: Glue the side section to the front piece and allow to dry.



6: Glue the last edge together as shown.



7: Cut out two of the bottom sections, one for the bottom, one as an interior bulkhead.



8: Turn the model upside down, inserting the bulkhead piece through the bottom. The text side should be facing the table.

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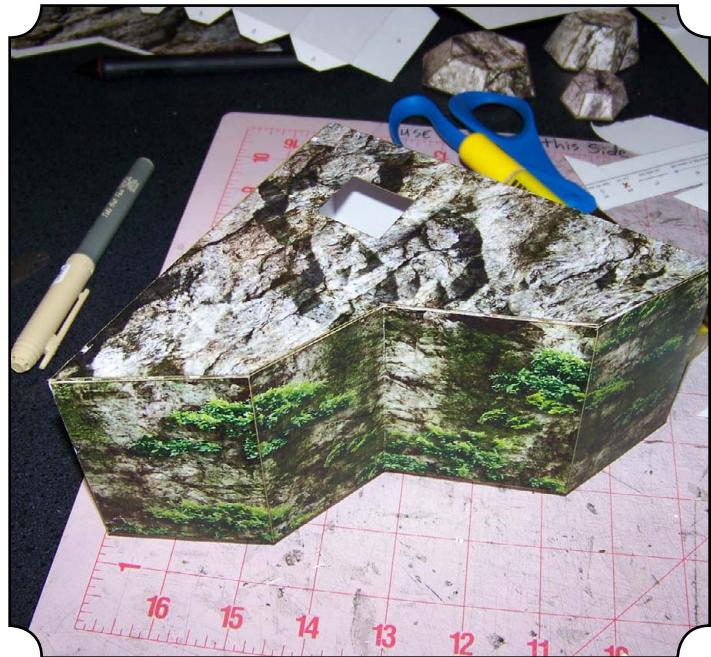
9: Glue the bulkhead into place.



10: Flip right side up, you should have the tabs on top of the bulkhead and be able to see the text.

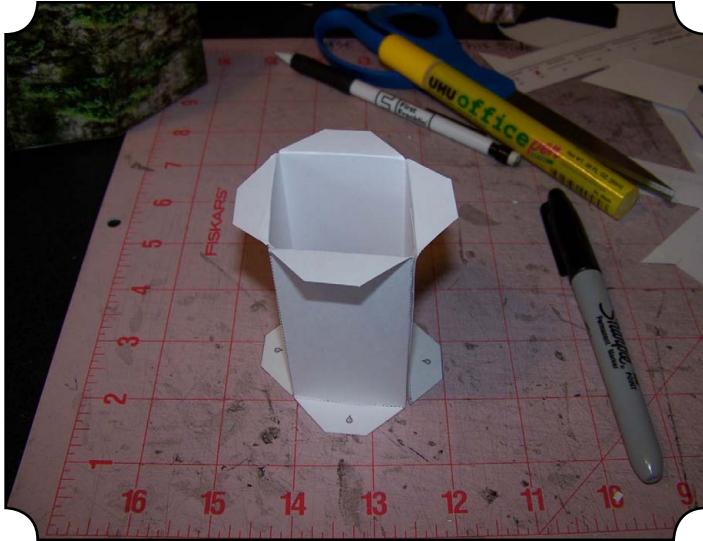


11: Glue the top piece into place.

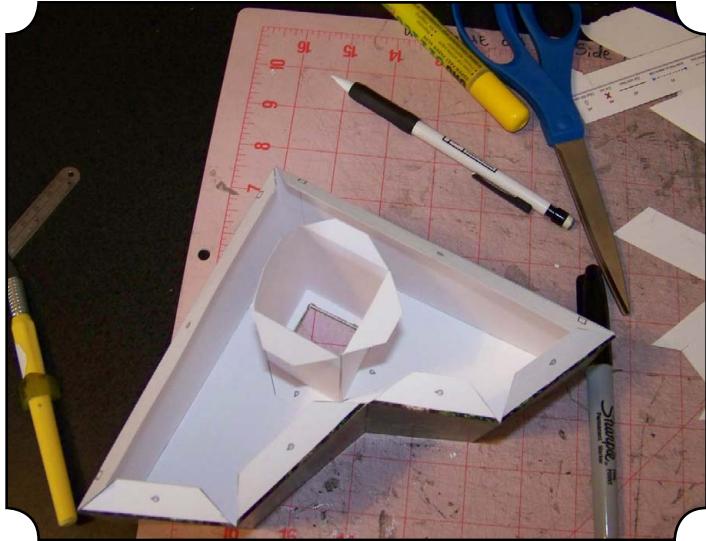


12: Allow to fully dry. You may wish to flip upside down again to apply pressure from the interior of the model to squeeze out any air bubbles.

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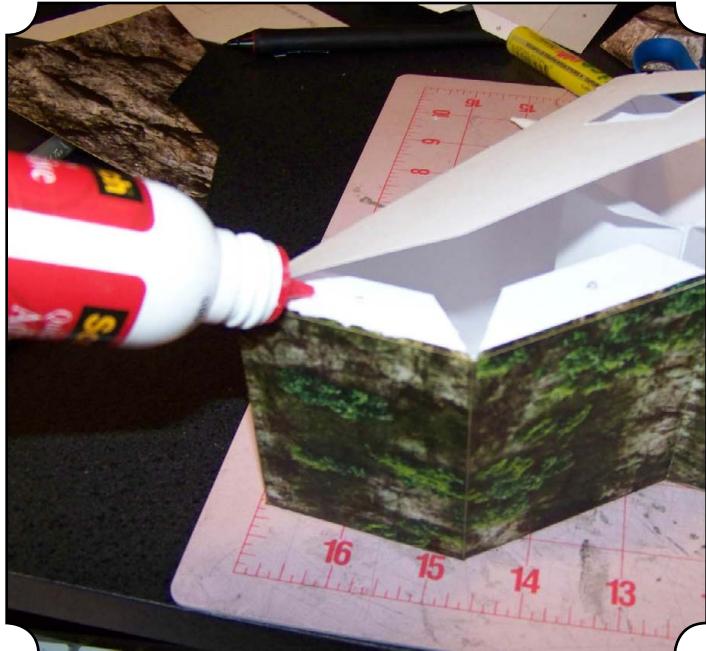
13: For the corners, try folding the support piece's tabs outward.



14: This way you can glue in directly over the E-Z LOCK opening and it will not obstruct it (if you are not using the E-Z LOCK option just glue wherever you like.)



15: Glue the bottom into place starting with a single edge.



16: It helps to only glue 1 or 2 edges at a time, allowing you to make sure they are aligned before proceeding to the next few tabs.

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17: Finish by gluing the bottom all the way and allowing to fully dry.



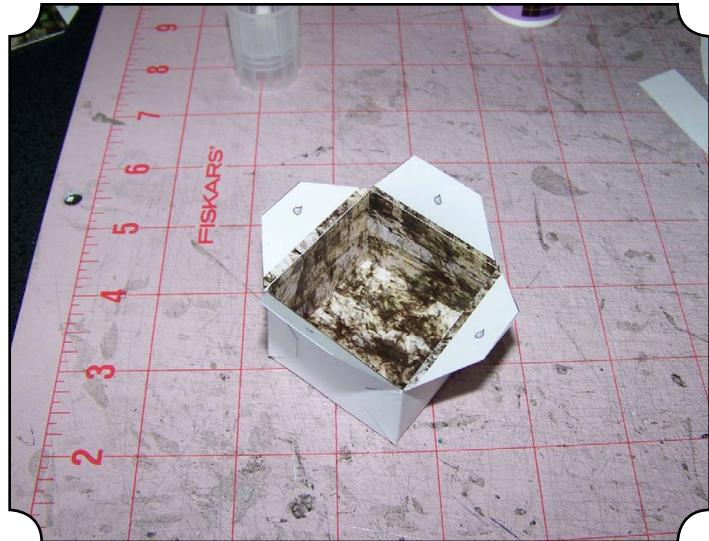
18: The finished corner piece can be attached to side pieces with common bobby-pins/hair-pins.

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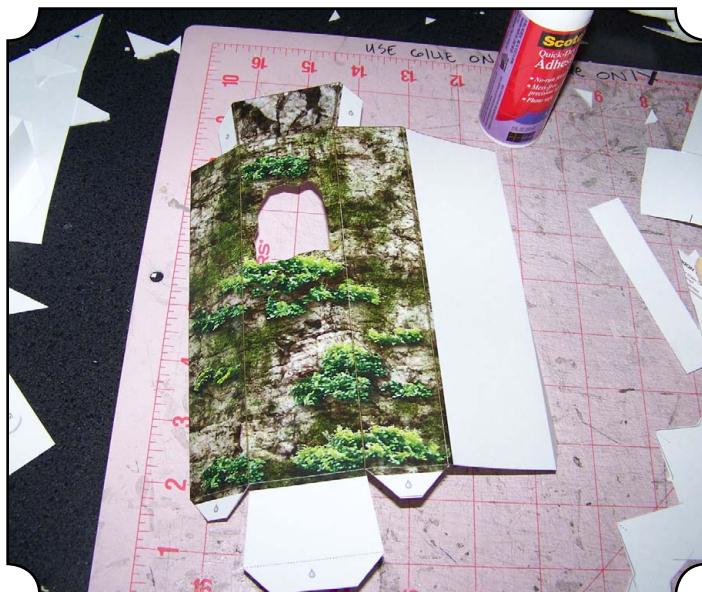
ADD-ON CAVE & CLIMBING WALL



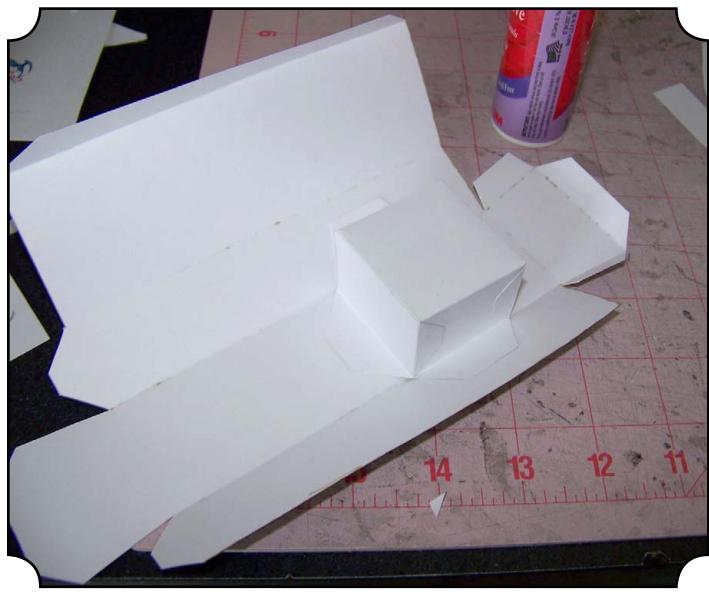
1: Several add-on pieces are included in this set, a side wall cave and a climbing wall. Start by cutting and scoring the cave interior as shown.



2: Fold and glue as depicted above. Allow to fully dry before proceeding.

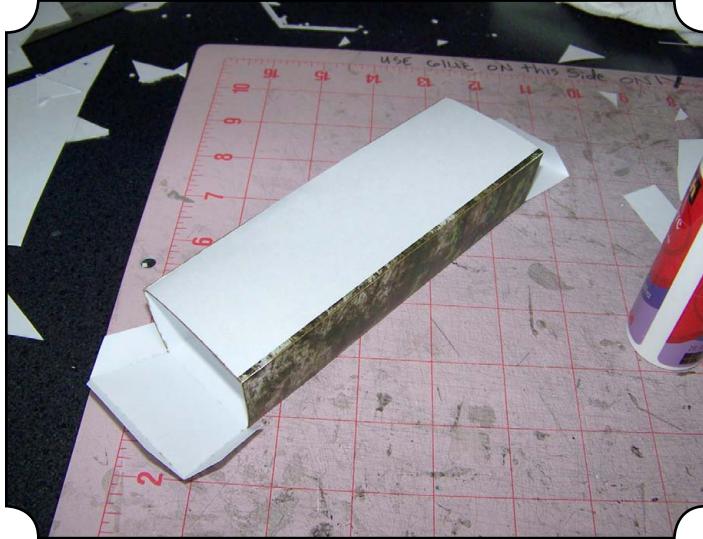


3: Cut, score and test fold the cave opening piece as shown.



4: Glue the cave interior behind the opening and allow to dry.

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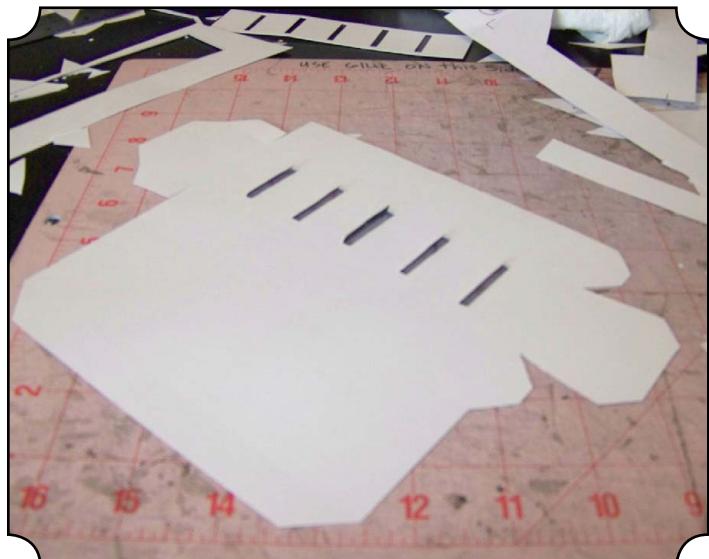
5: Begin gluing the main structure along the longest side.



6: Finish by gluing the top and bottom flaps into place.

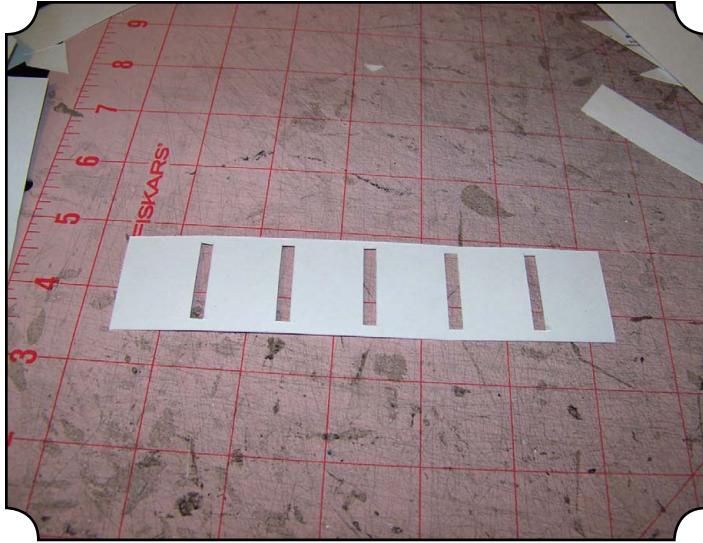


7: Cut, score and test fold the climbing wall model.

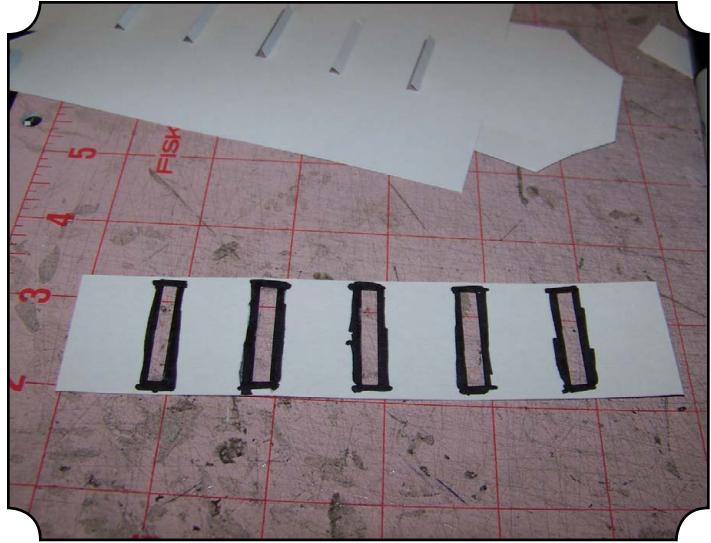


8: Carefully cut the openings on the sides and bottom, scoring across the top edges.

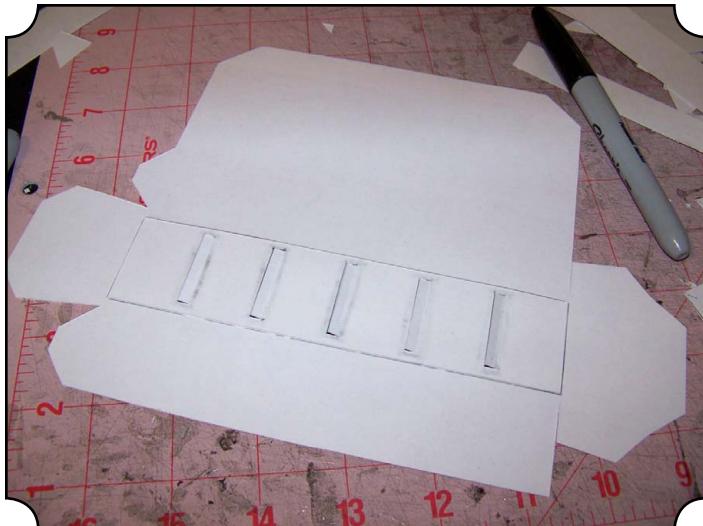
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9: Cut out the reinforcement piece.



10: Color around each opening with a black or brown marker. This will help hide the edges when completed.



11: Glue the reinforcement piece to the backside of the main piece, carefully aligning the openings of each piece.



12: Glue the long side tab first.

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13: Finish by gluing the end flaps.



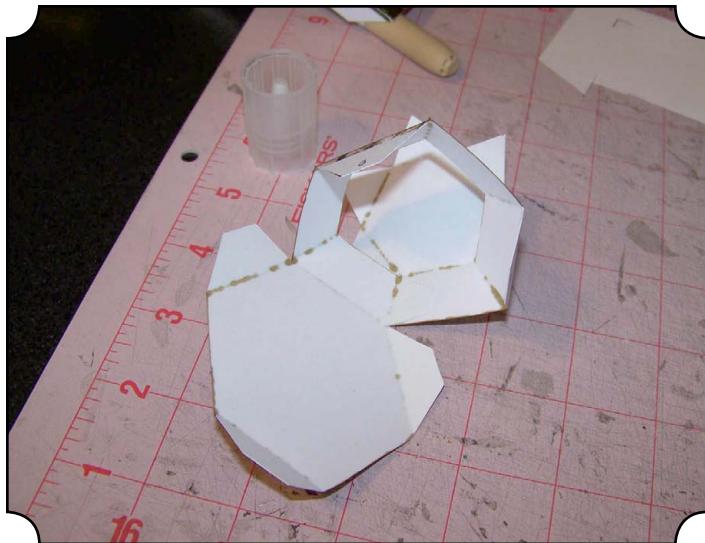
14: The finished models can be attached to the edges of other wall models with bobby pins. If there is no hole where you need it on the cliff wall, just carefully cut one wherever required.

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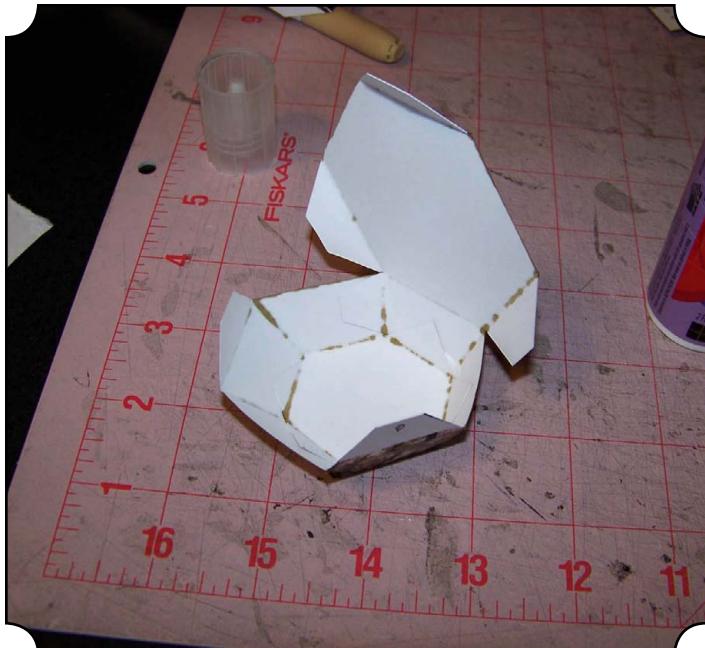
BOULDERS



1: Cut, score and test fold the boulder pieces as shown.



2: Glue the side ends together forming a ring.



3: Flip upside down and glue the top side into place.



4: Glue the bottom and set aside to dry.

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BRIDGE



1: Cut, score and test fold the bridge edge sections as shown.



2: Cut, score and test fold the two side pieces.

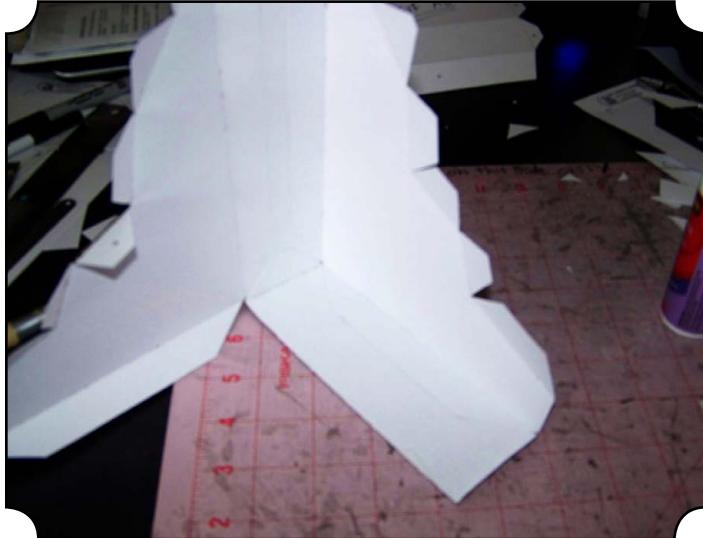


3: Glue the two side pieces to the top strip as shown above.

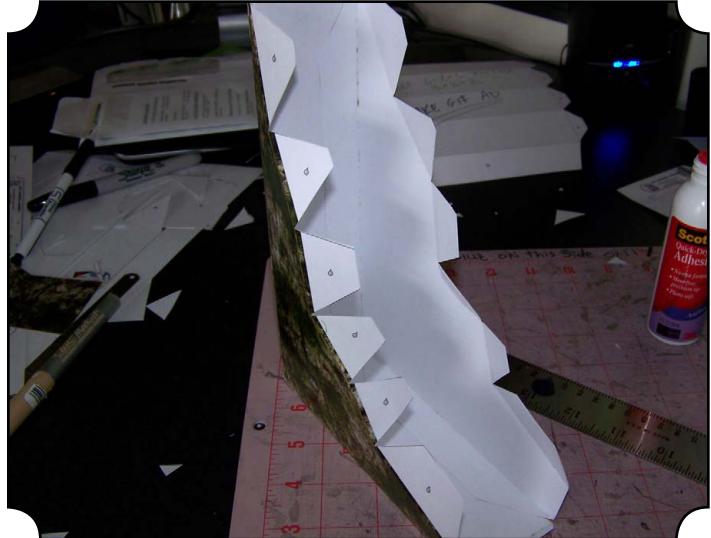


4: Glue the rear side strip to the top strip as shown.

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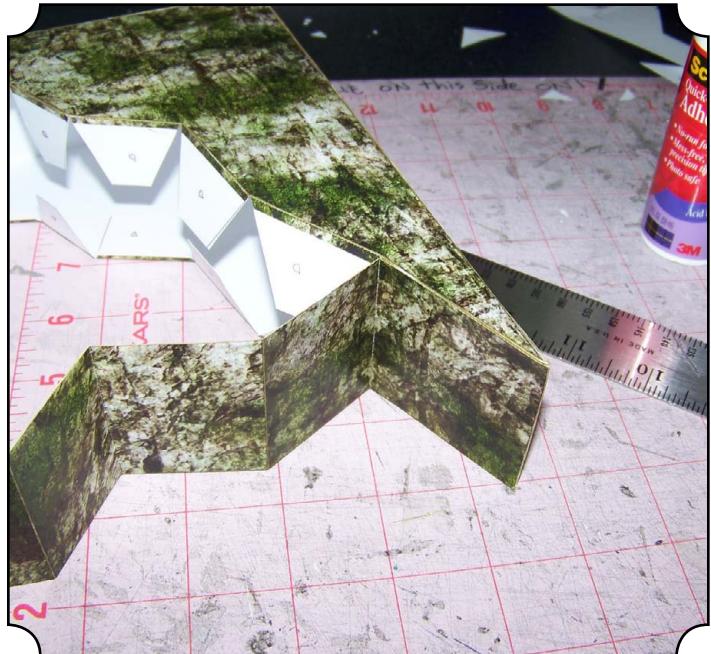
5: Glue one edge of the rear side to a side tab as depicted above.



6: Glue the opposite side.



7: Glue the underside strip to the front of the top edge. BEFORE DOING THIS DOUBLE CHECK TO MAKE SURE THE STRIP IS CORRECTLY ORIENTED TO MATCH THE TABS ON THE SIDE PIECES!



8: Begin gluing a single section at a time.

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9: Continue gluing one section at a time until finished.



10: The bottom is intentionally left open. There is no need for a bottom side, the structure is secure without it and it allows placement of bobby pines wherever you require them. Also, you can cut the bridge shorter to be 3", 4" or 5" tall as required.

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DWARVEN GATE



1: There are three subsections of the main gate. Cut, score and test fold the two side sections as shown above.



2: Glue the long side tab first.



3: Glue the top flap next and allow to dry.

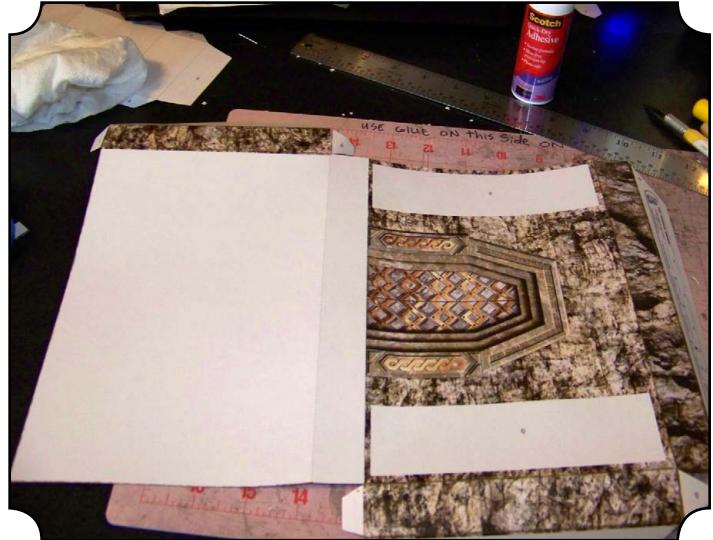


4: Finish by gluing the bottom flap. Repeat steps 1-4 for the other side section.

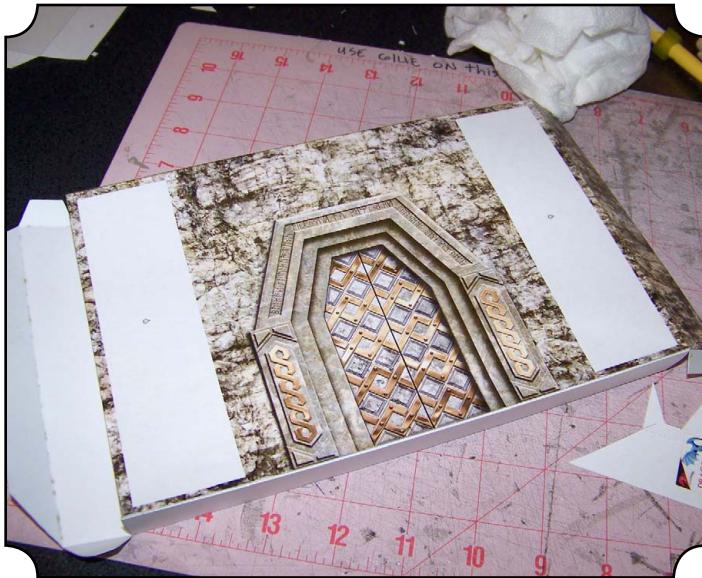
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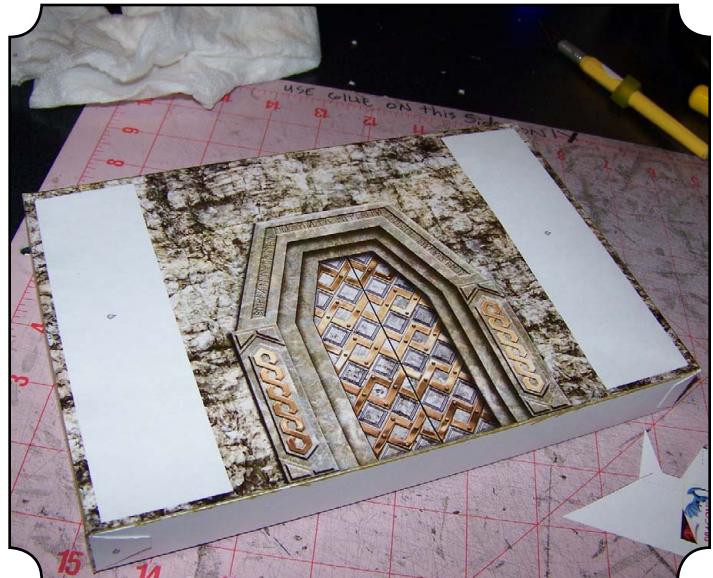
5: Cut and score the two pieces that form the main center section.



6: Begin by gluing either the long bottom or top glue tab to join the two sections together.



7: Next glue the opposite long side seam not done in step 6.



8: Finish by gluing the side flaps into place. To keep the side flaps from pushing inward too far, you may wish to have the bottom glue tab glued to the OUTSIDE of the bottom of the model as shown above (the top glue tab goes on the inside of the model out of sight.)

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9: Finish the gate model by gluing the outer side sections into place. It doesn't matter which side each statue goes on.



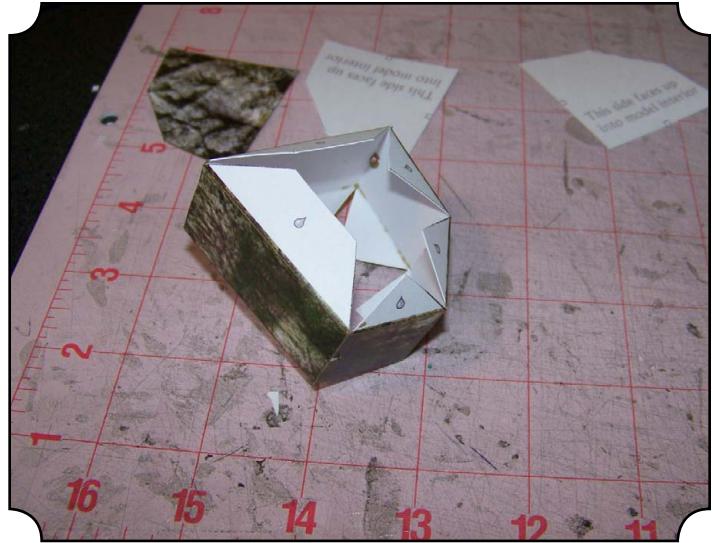
10: The finished main gate. You can cut small holes in the top rear edge as required to attach to other cliff elements.

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RAMPS & PLATFORMS



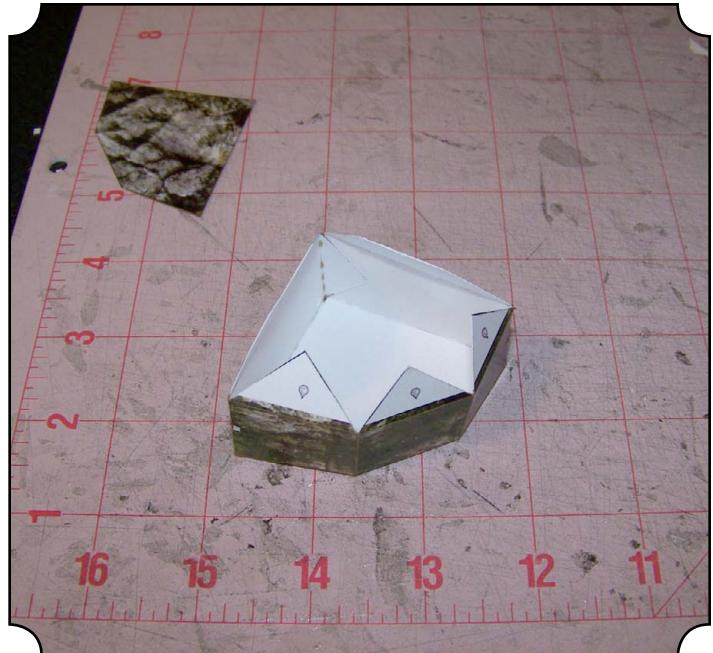
1: The ramps require small platforms at their ends if they are to 'switch-back' upon themselves instead of going up in one continual line. These assemble much like the cliff corner pieces. Cut, score and test fold all pieces.



2: Fold and glue the side piece into a ring as shown.



3: Flip the side section upside down and insert the interior bulkhead piece through the bottom. The text should be facing down at this point toward the table.



4: Glue bulkhead into place.

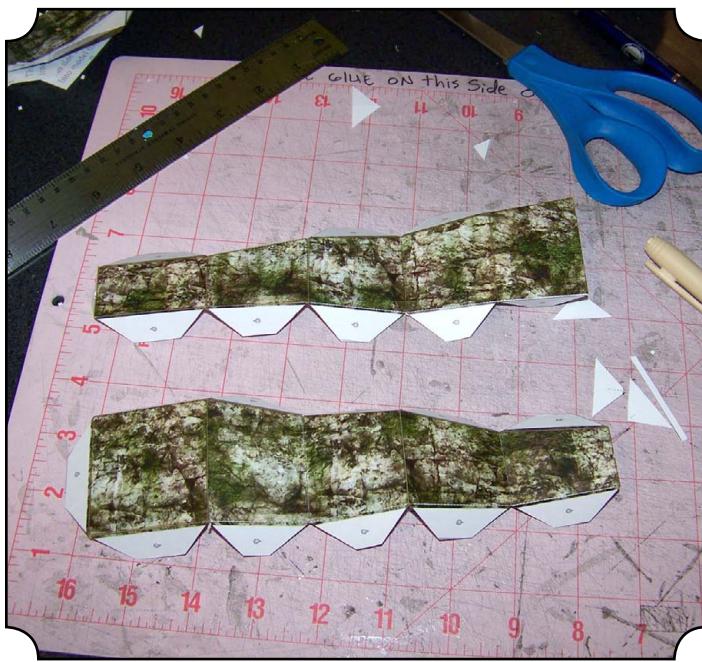
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5: Flip right side up and glue the top piece into place.



6: Finish by gluing the bottom into place.

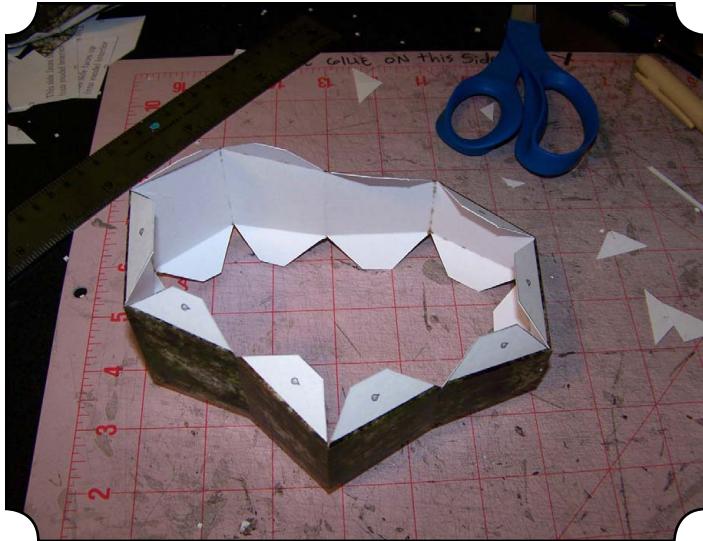


7: The ramp sections assemble just like most of the other pieces in this set (glue the sides, insert a bulkhead through bottom, glue the top, then glue the bottom.) Cut and score all pieces.

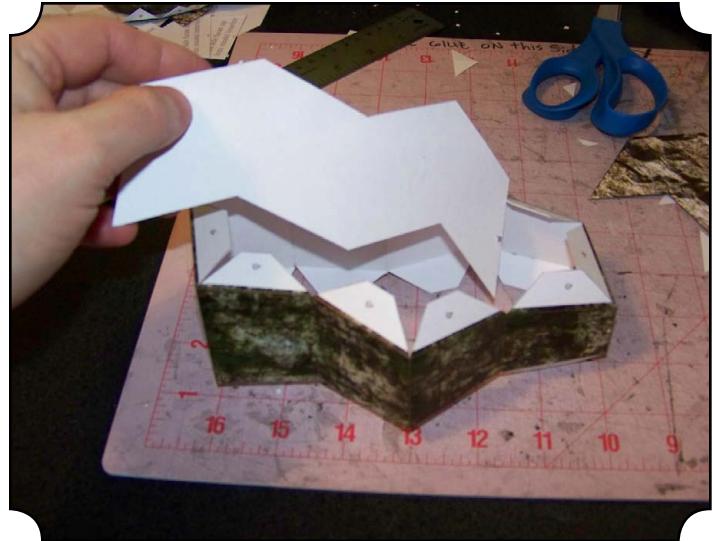


8: Glue the two side sections into a single strip as shown.

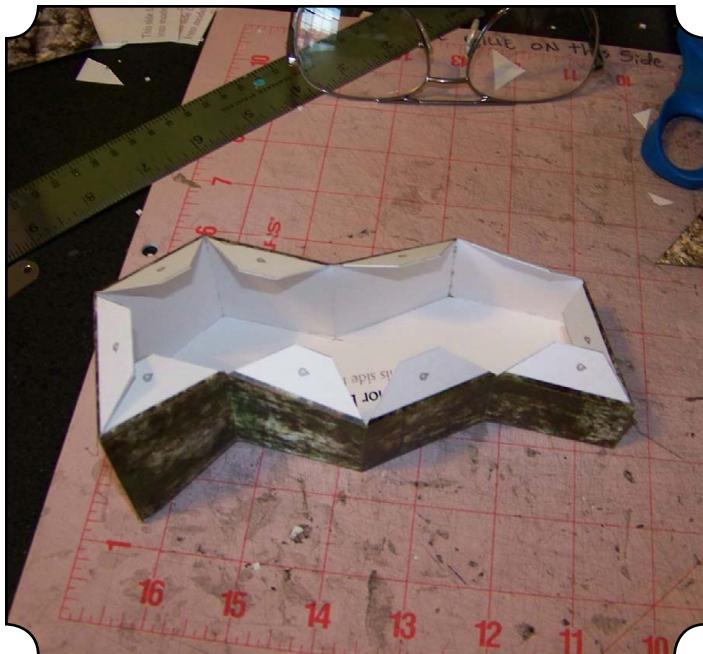
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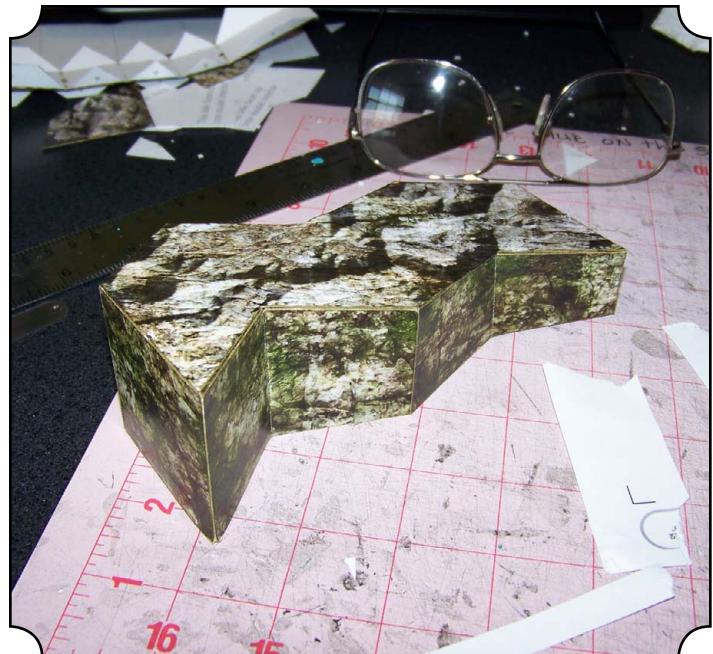
9: Glue the ends together and form a ring as shown above.



10: Flip the side section upside down and insert the interior bulkhead piece through the bottom. The text should be facing down at this point toward the table.



11: Glue the bulkhead into place.



12: Glue the top and allow to dry.

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13: Glue the bottom piece into place.



14: All inclined ramps require small non-slip pieces to keep miniatures in place. Cut and score these as depicted above.



15: These fold into a 'W' cross-section.



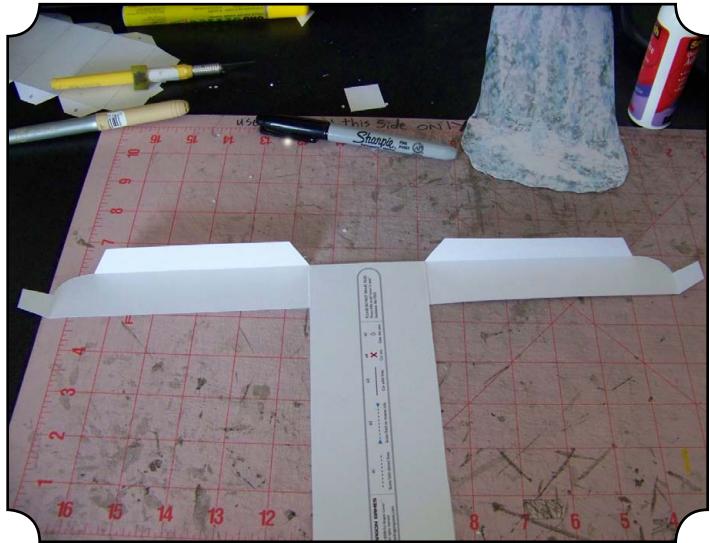
16: Glue these at intervals of 1" or 1.5" if using those grids, or just wherever you like if using the gridless option.

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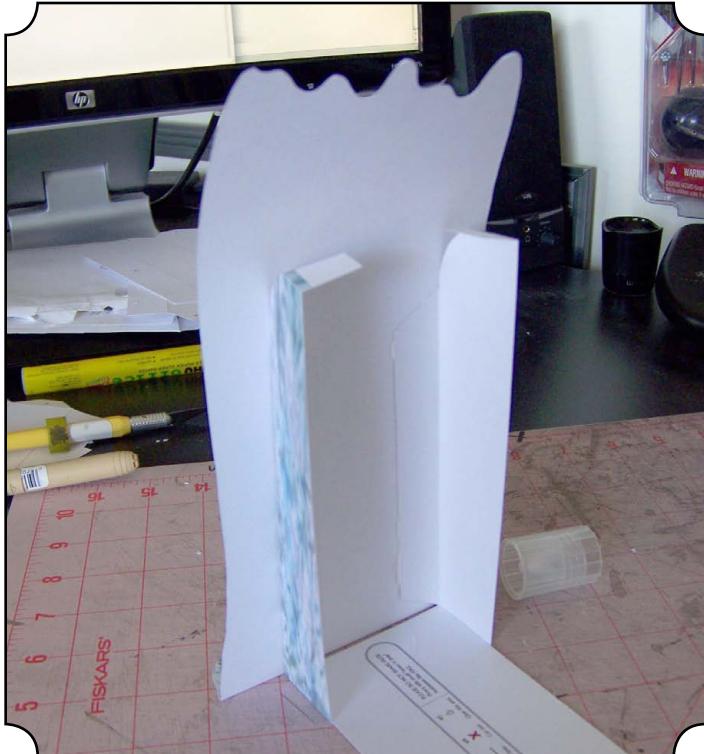
WATERFALL



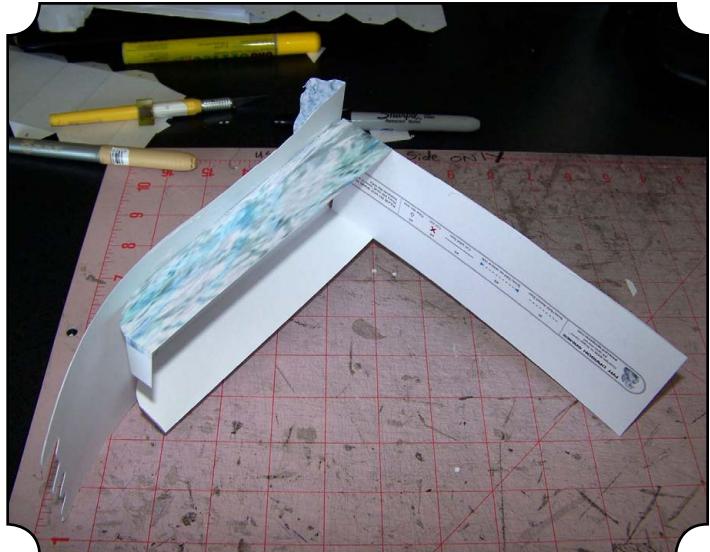
1: Cut, score and test fold the water model pieces.



2: Begin construction by gluing the side sections to the base (blank rectangle) piece as shown above.

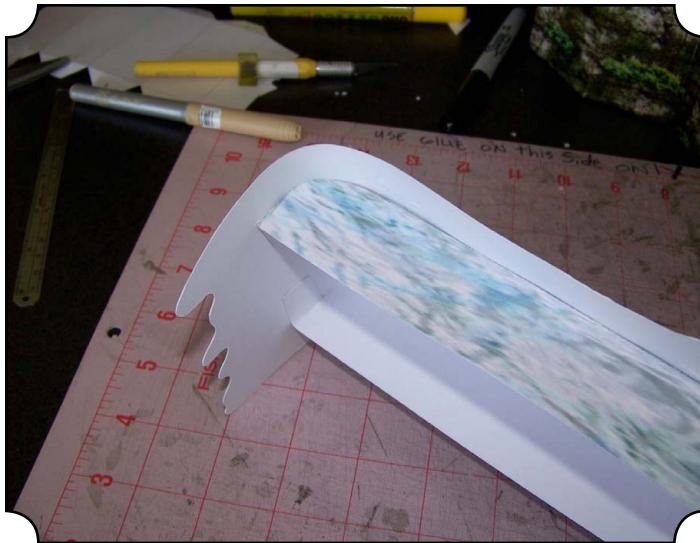


3: Glue the front water piece to the side walls along the large forward facing tabs and allow to dry.



4: Once dry, begin gluing the upper part of the water fall to the upward facing tabs, gently curving it as you do in order to avoid creasing it.

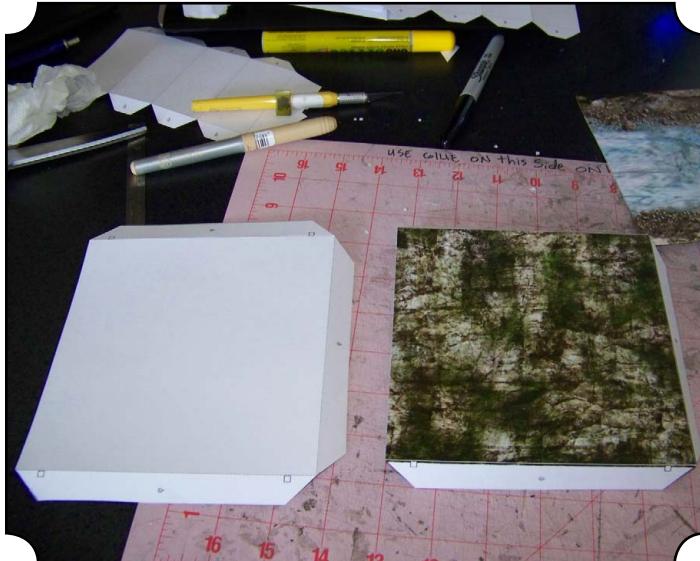
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5: Until this is completely dry, you may have to manually hold the tabs to the curved water section.



6: Your finished waterfall model should look like this. Have the top edge of the water folded to it curves downward slightly. This will keep it pressed firmly against the wall section you build next.



7: Cut and score the four side pieces (three blank, one textured.)



8: Glue these into one long piece, making sure the textured section is not on one of the ends.

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9: Glue the last remaining tab creating the square shape of the side walls.



10: As with most other cliff sections, flip this model upside down and insert a bulkhead piece through the bottom.



11: Glue the bulkhead into place as depicted above. The text should be facing down toward the table.



12: Flip over and glue the top piece into place.

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