



## Inventor's House (Alternate Version)



### Detailed Building Instructions

Model Designed by Dave Graffam

Model Built and Instructions Provided by Jerry Jensen

For more of Dave's Models please visit [www.davesgames.net](http://www.davesgames.net)

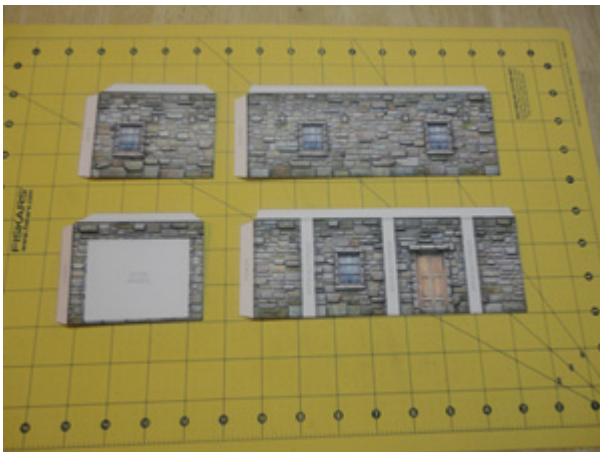
## Inventor's House (Alternate Version) Detailed Building Instructions

### Pre stage Modeling Tips

If you are printing the model on regular paper, consider the following suggestions:  
Use a spray glue to carefully apply each printed sheet to a piece of card stock. To do this, you will want to work in a well ventilated area. Cover the area you will work at with newspaper (enough for about 4 sheets of card stock). Place up to 4 sheets of card stock on the newspaper and spray an even coat of spray glue. Move a sprayed sheet to a clean surface and carefully apply the printed copy. Continue the process for all the pages of the model. Allow roughly 10 min to dry.

### Lower Walls

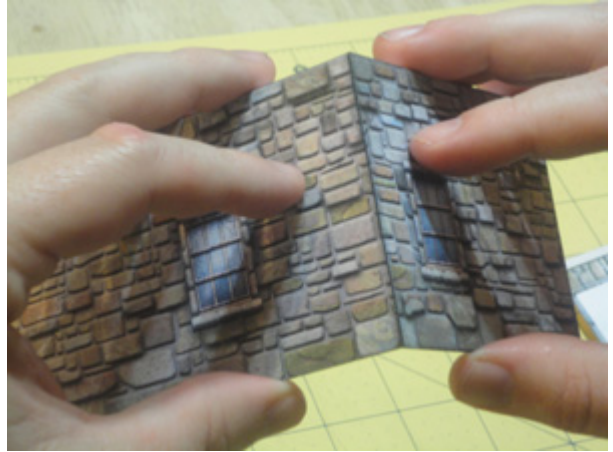
Score the fold lines and cut out each of the lower walls as shown. Fold the glue tabs as necessary.



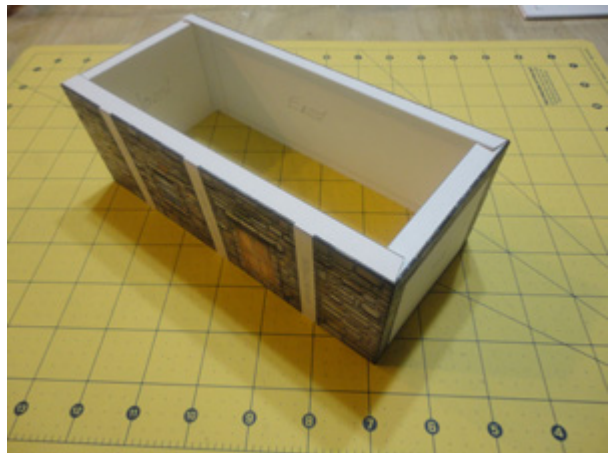
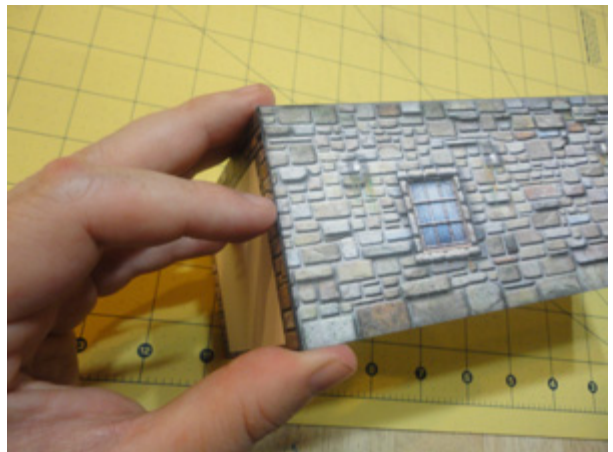
Using a black Sharpie (or equivalent marker) edge the sides of the walls. Start with one corner of the building and apply glue to the glue tab; align the wall section and glue the two wall sections together.

### Modeling Tip

For stronger reinforced walls, use a smaller second piece of card stock to glue to the back of each wall section. The combination of spray glue and card stock will give the model a thicker and more durable feel.



Continue gluing each wall section.

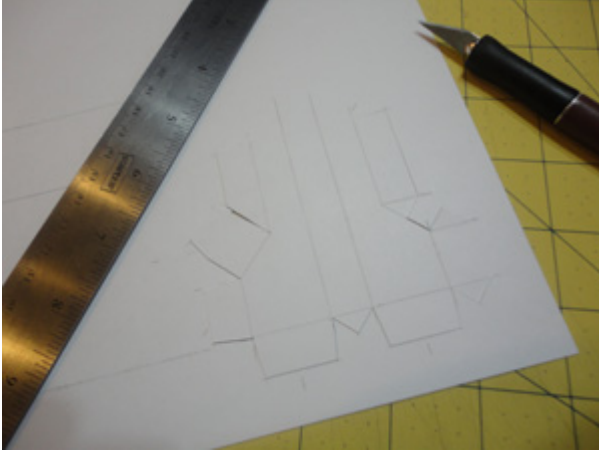




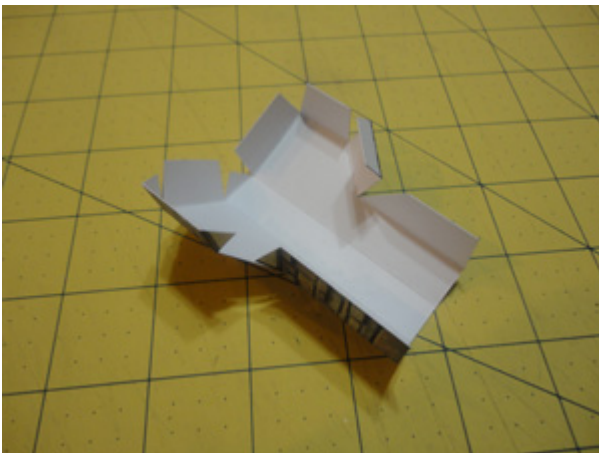
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### **Buttresses**

Score and cut out each of the buttresses as shown.



Fold each of the sections.



### **Modeling Tip**

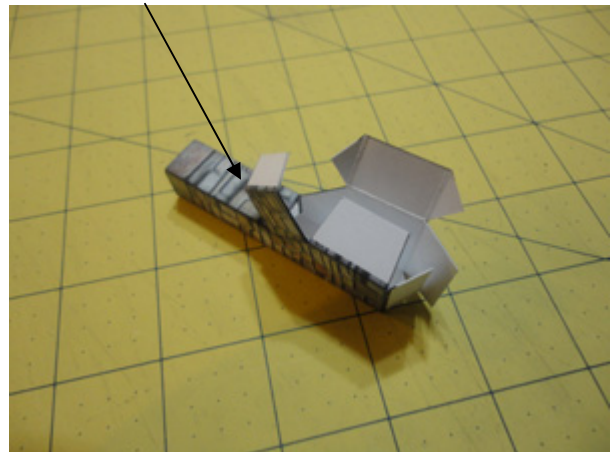
For straighter edges, when folding, use the metal ruler and work on a flat surface. This technique works great on all aspects of the model.

Folding Example:



Use a black Sharpie and edge the sides of the buttress. Glue each section separately working in the following order, lower, upper, middle, top. See the images below-

Glue lower section first:

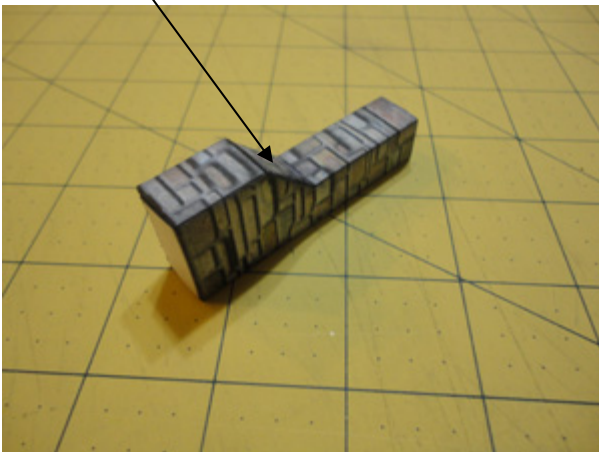


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Glue upper section second:



Glue middle section third and then the top last:



Once all the buttresses are completed, glue to the western wall as shown. Be sure the top of each buttress is flush with the top of the wall.



### Annex

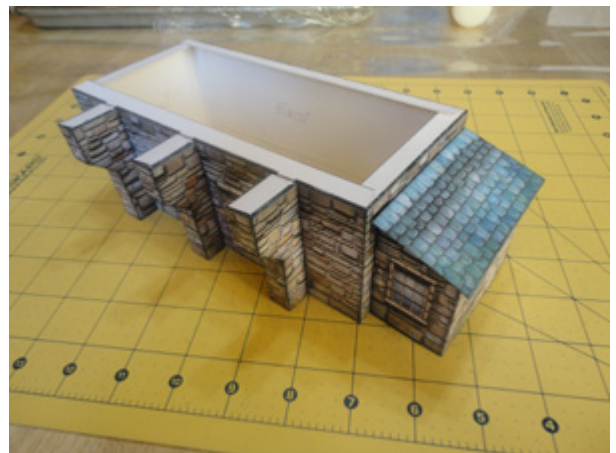
Score, then cut out the annex and roof sections.



Use a black Sharpie and edge the sides. Attach the annex first to the south wall and then the roof.

### Modeling Tip

You may want to reinforce the annex walls as with the main walls noted earlier.





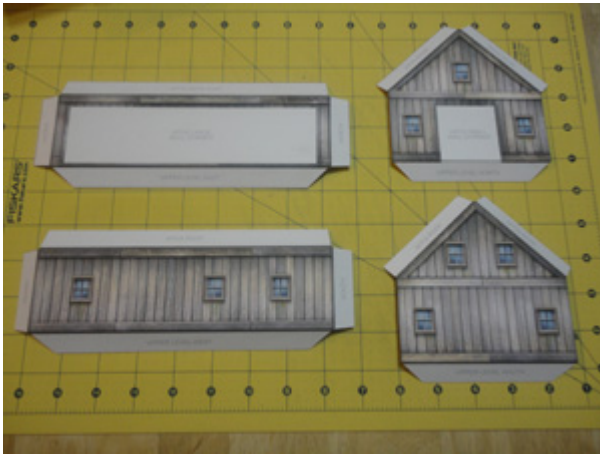
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### Upper Level Walls

Score and cut out the upper level walls.

#### Modeling Tip

Cut the bottom glue tabs to a 45 degree angle. The walls will fit smoother on the upper level floor. You may also want to reinforce these walls with a second sheet of cardstock as noted earlier.



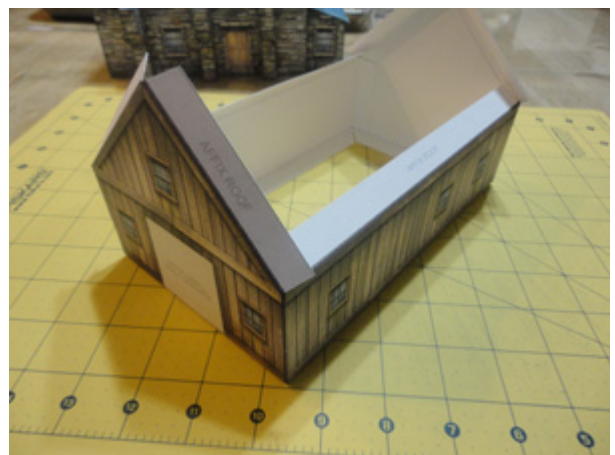
Use a black Sharpie to edge the sides.



As with the lower walls, pick a corner, apply glue to the glue tab and align the walls.



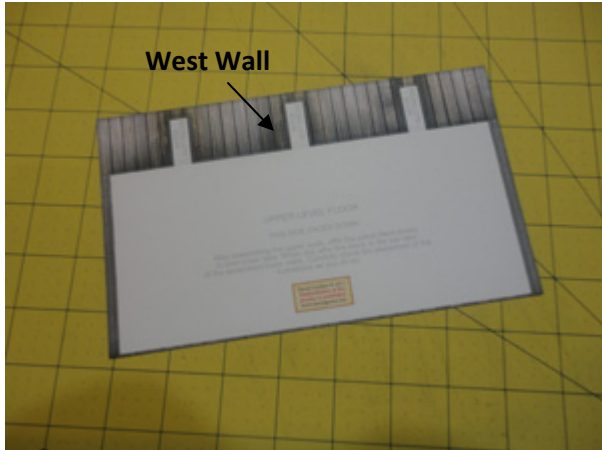
Once completed, the upper floor should look like this:



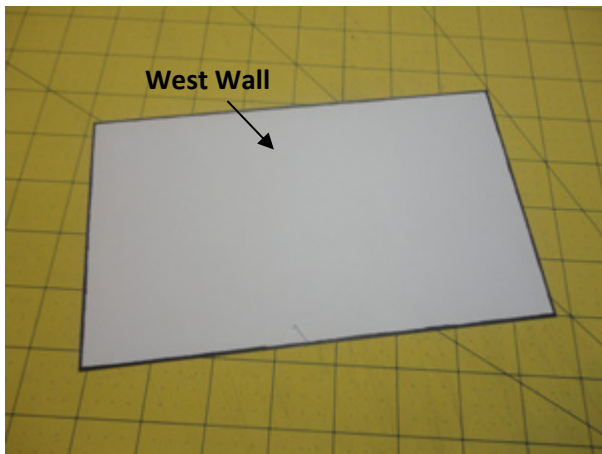
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### Upper Level Floor

Cut out the upper level floor. Edge the sides with a black Sharpie.



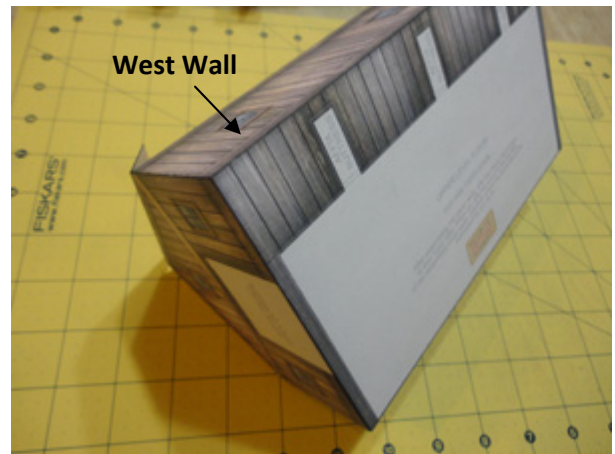
Turn the piece over and use the Sharpie along the edges. This will hide any white lines in case the upper walls don't align perfectly to the floor.



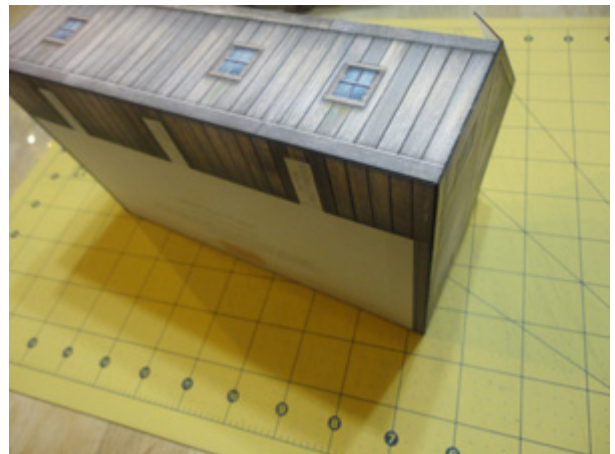
### Modeling Tip

To attach the floor to the upper walls more easily, apply spray glue to the un-printed side of the floor. Be sure to first notate the orientation of the walls to the floor. (The west wall is the easiest.) Then carefully align the floor piece at the corner of the upper floor

walls, working from corner to corner. Once all the corners are aligned, carefully flatten down the edges.



Another view for reference –



Apply glue to the top glue tabs of the lower walls and buttresses and carefully align and attach the upper and lower building sections together.



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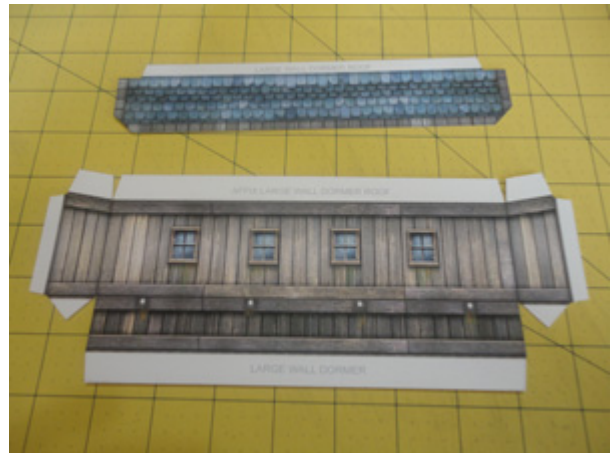


References of top and bottom floor alignment -



### East Dormer

Score and cut out the dormer and roof.



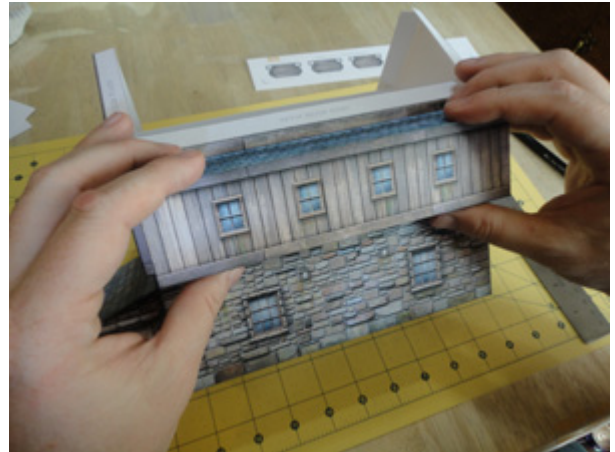
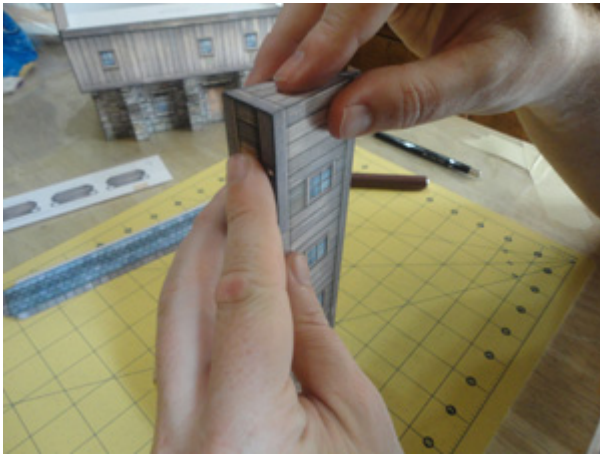
Fold and then edge the sides with a black Sharpie before gluing.

### Modeling Tip

You may want to reinforce the dormer walls with a second sheet of cardstock as noted earlier.

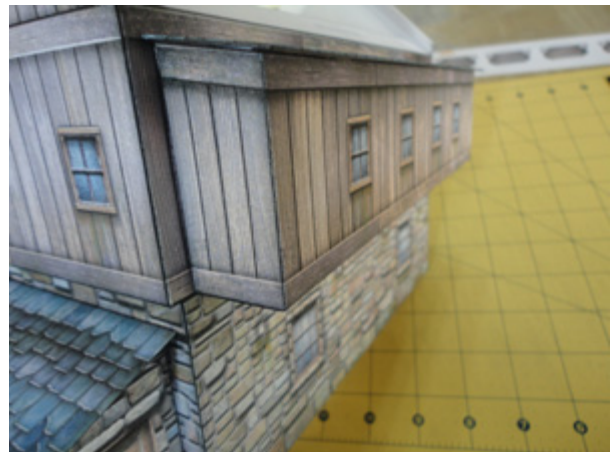
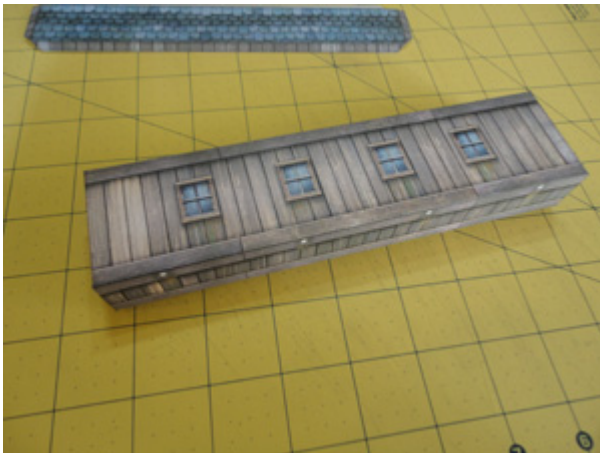
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Start with one corner and glue the sections together.

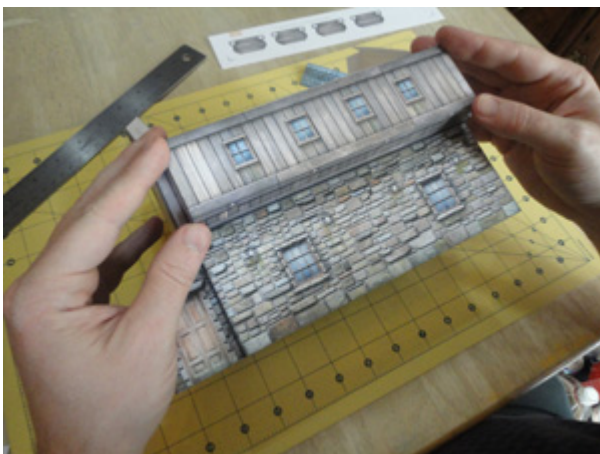


Reference images –

Once completed, the dormer should look like this -



Attach the dormer to the east wall first followed by the dormer roof.

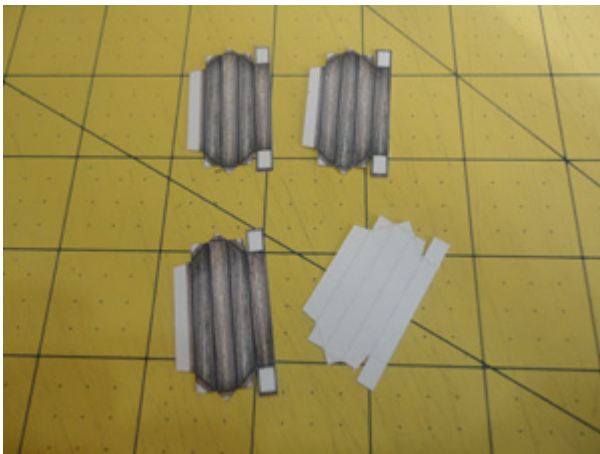
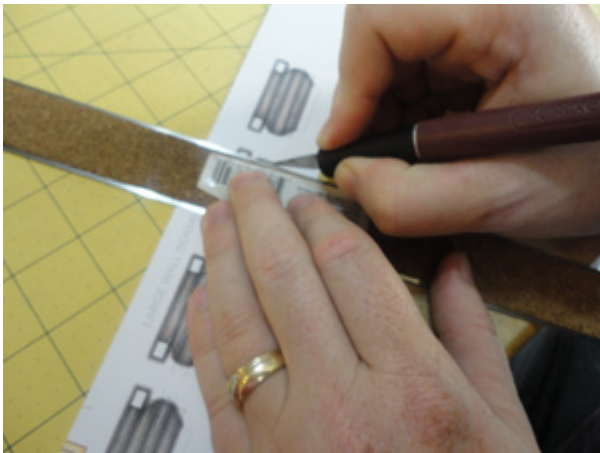




## **Support Beams**

### **Modeling Tip**

Scoring the folding lines before cutting out the support beams will make these much easier to put together.

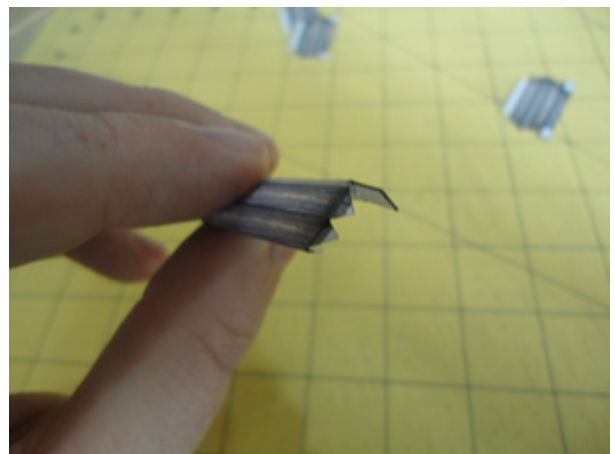


### **Modeling Tip**

For a straighter look to the support beams, use the metal ruler as a guide and carefully fold each section up by using the hobby blade.



Use a black Sharpie and edge the sides before gluing.



### **Modeling Tip**

To glue smaller areas, use a toothpick.



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When completed, the support beams should look like this -



Apply a small amount of glue to each end and align the support beam to the dormer and east wall using the white dots as your guide.



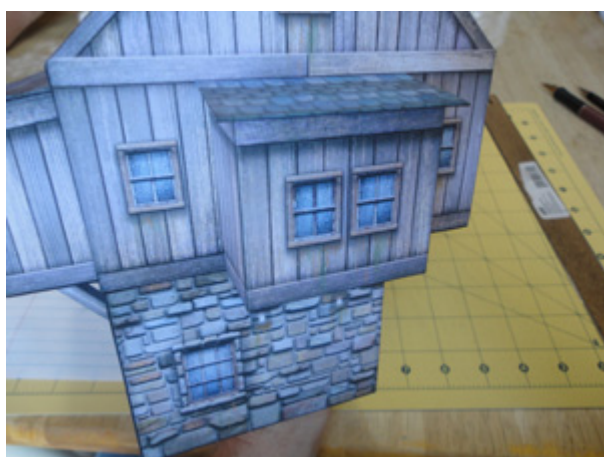
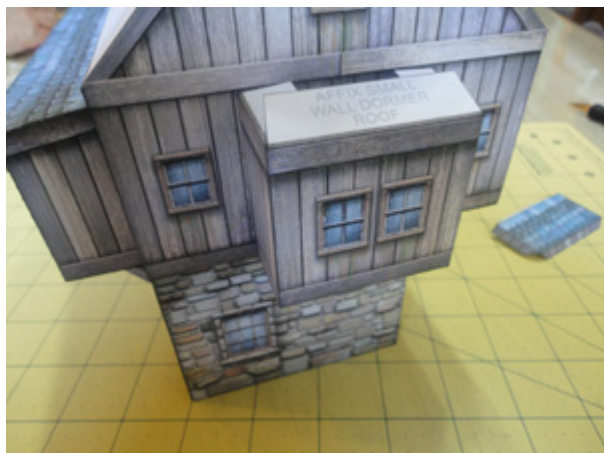
### North Dormer

Use the images below for reference to complete the north dormer following the same directions to the East Dormer.



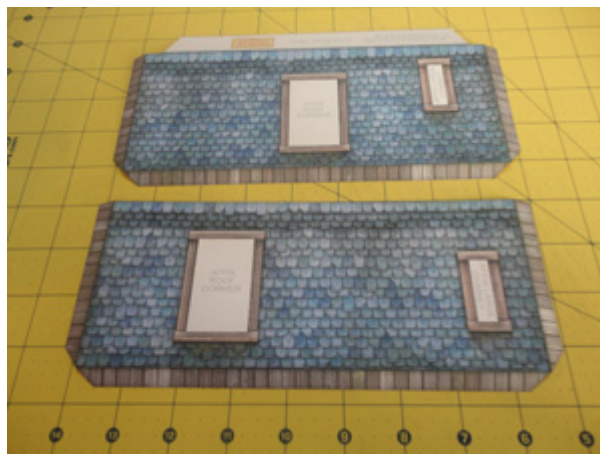


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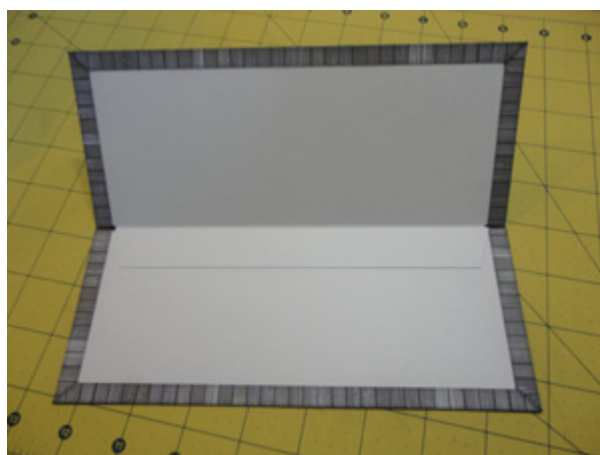


### Roof

Score and cut out the two roof sections.



Fold the wood-textured tabs, edge with a black Sharpie and glue. Line up the roof sections and glue together.

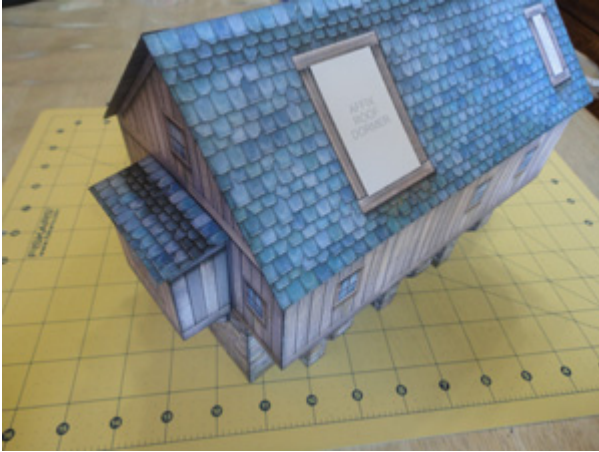


### Modeling Tip

You may also want to reinforce the roof sections with an extra piece of card stock like the walls.

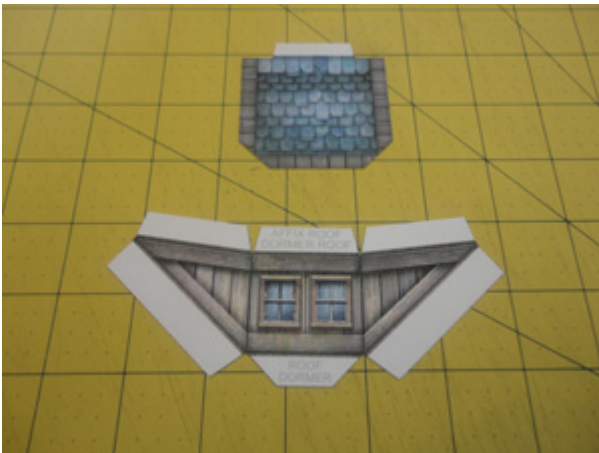
Apply glue to the glue tabs and carefully attach the roof section. Be sure the corners of the tabs are well glued to prevent the roof from peeling up.

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### Roof Dormer

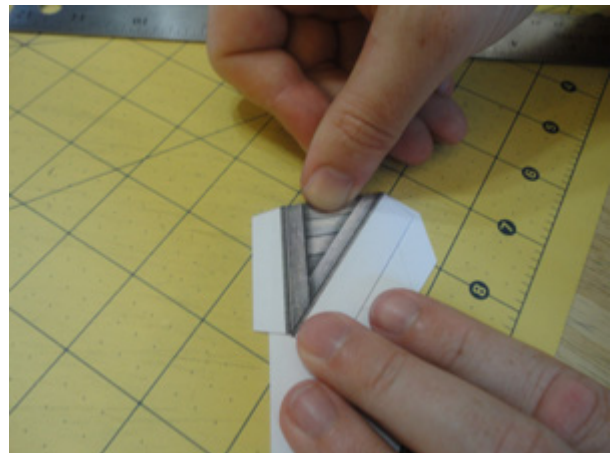
Score and cut out the dormer and roof sections.



Again, for straighter edges, use the metal ruler to fold the tabs.

### Modeling Tip

Use your thumb to give a sharper crease to the edges.



Align the dormer and glue to the main roof.



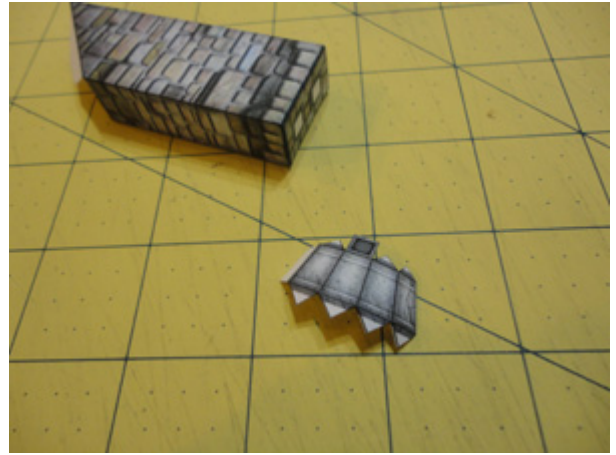


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Add the dormer roof.

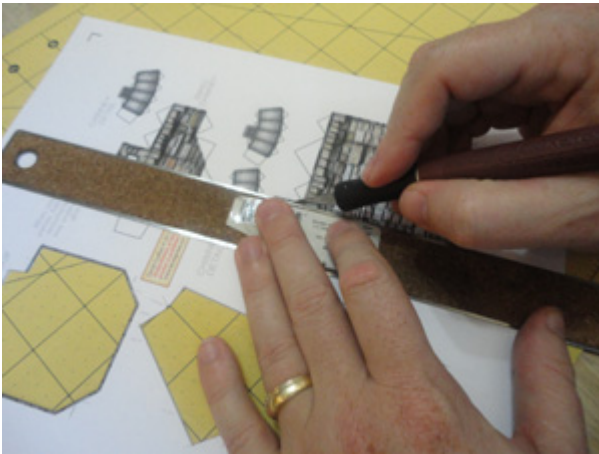


Fold and edge the sides with a black Sharpie. Glue the main chimney piece together then add the chimney tops.



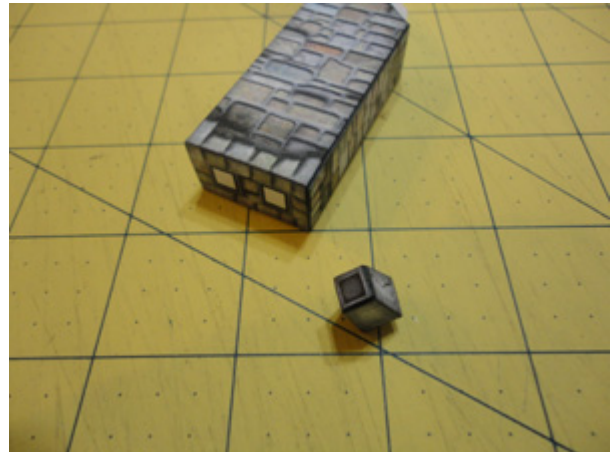
### **Chimney**

Score and cut out each of the chimney sections.



### **Modeling Tip**

With these smaller pieces you will want to use the metal ruler and the hobby knife to fold up the sections as before with the dormer support beams.



Glue the chimney to the main roof.

### **Congratulations!**

You've completed the Alternate Version of the Inventor's House.

## Inventor's House (Alternate Version) Detailed Building Instructions

### Finished Product Images



Front (West Side)



Left Side (North Side)



Back (East Side)



Right Side (South Side)



Top



Display