

Building the House Structure

Materials:

You will need the template printed in color, a 2' by 3' sheet of 3/16" thick foam core, glue and a skalpel knife to build your house structure.

Step 1: download the pattern

The full-sized pattern is available to be printed in three different formats: tabloid (11' by 17"), letter (8.5" by 11") or A4 (8.3" by 11.7"). The artwork is identical in all three patterns, and it is meant to be used with 3/16" tick foam core. The easiest pattern to use is formatted on tabloid paper, because the whole shape fits on a single page. If you do not have access to a large format printer you can download the pattern formatted on standard sized paper, but you will need to cut and paste the different parts together before cutting your foam core.

Step 2: glue pattern to foam core

Glue sides A of both walls and all the floor pieces to your 3' by 2' sheet of 3/16" foam core. The best type of glue is a spray, but any reasonably strong glue will work. If you use white glue, make sure you use it sparingly. **Do NOT glue side B of walls to the foam core at this time.**

Step 3: cut the house structure

Using a sharp scalpel knife and a metal ruler, cut along the edges and remove all the cut-outs.

Step 4: glue side B

Cut out patterns of sides B and then glue them to the back of your pre-cut pieces of foam core.



Assembling the house

Step 1: walls

Slip the two walls together at a 90° angle exactly as shown in the photographs. Make sure the blue wall upstairs is facing the blue wall downstairs.



Step 2: top floor

Floor #1 and #2 slide into the slits on wall #1 and their tabs push through the doors and slot of wall #2.



Do not glue the pop-ups to the top floor

Step 3: Glue the rooms to the house structure

Upstairs rooms pop-up cards should only be glued to the walls, do NOT glue them to the floor or you will not be able to pull the house apart for flat storage.

Start with the upstairs hall, and glue it to the wall so the hole in the house structure matches the one on the card.

Downstairs room pop-up cards should be glued to the square foam core floors. Position the floors so the image matches the graphics on the pop-up card. Then, working on a flat surface, push the cards up against the house structure and glue the walls into place.

Step 4: Storage

To fold the house for storage, gently pull apart floor pieces #1 and #2, then carefully lift up wall #2

