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Shelton-Mason County Journal

# FUN WITH BRIDGES

*A bridge will go nicely with the trees, roads and buildings of our Happy Tree Village diorama.*



## What you'll need

Tools: Ruler & Marker, Scissors, paintbrush, and a Knife (an old kitchen knife will work)  
Materials: Styrofoam, Cardboard, Craft Sticks, 4 Wooden Clothespins, Paint, Glue, Masking Tape, and a bit of dried moss.  
A Plan: Here's what we want: something solid (We'd rather not build it twice!) that can go over either roads or water. Our roads are about 4" wide and most vehicles, etc. at this scale range are around 2" tall or less.



## 1. Measure

Styrofoam: 2 triangles, 4" wide x 2.75" tall, tapering 5.5" This does not have to be pretty, it's for support. Cardboard: 4" wide x 22" long (road, to bend over the Styrofoam), over the top of a base piece, 4" wide x 20" long. 2 lengths (curbs) .25" wide x 22" long. This example also uses 4 side covers, triangles 2.5" tall tapering 5.5"



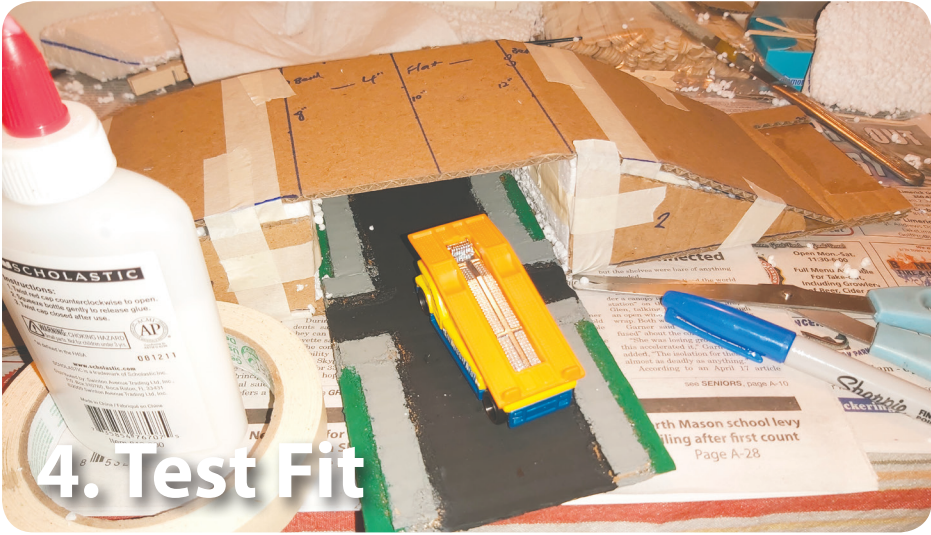
## 2. Cut & Assemble

Note that you might need to glue Styrofoam together and let dry, then cut it to size/shape with your old table knife. Place the Styrofoam triangles on the base and test-fit and mark the road over the top, then bend (don't cut) the road along your marked lines. Glue it all together.



## 3. Clamp

Use your masking tape to keep it all together until the glue can dry, but before it completely dries, go to step 4.



## 4. Test Fit

Make sure your bridge will be wide and tall enough for what you want to do, and adjust as needed. Now is the time to make sure it's coming together according to your plan. Tick-tock, the glue is drying!



## 5. Curbs

Glue down the strips, leaving some room on the outside (the width of a clothespin). Then put more glue along the inside of the strips and flock with sand, the same as we did with roads in a previous Crafty Time. Let dry.