

## **POP-UP VAMPIRES** – ASSEMBLY INSTRUCTIONS page 1.

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## **POP-UP VAMPIRES** – ASSEMBLY INSTRUCTIONS page 2.

NOTE: This project should be printed on heavy card stock.

WHAT YOU'LL NEED: Scissors, Elmer's glue (or a glue stick), an X-acto knife, three toothpicks, a needle, a few feet of black thread, a small piece of cardboard (from a cereal box or something similar), tape and a ruler or other straight-edge. (A black marker is optional for darkening any white paper edges as you build the model.)

FOLDING TIP: it's handy to 'score' the fold lines before folding. You can use an old ink pen, a knitting needle, the end of a paper clip, or any metal object that will crease the paper without tearing it. Scoring helps you fold more precisely and also makes the project much faster to assemble.

ASSEMBLY: Begin by cutting out the BASE on parts page 1. Use an X-acto knife to remove the white rectangle. Use the needle to carefully poke a hole through the center of the two white dots (on the end panel and the rectangular gray panel). We'll use one of the three toothpicks as a punch. Use this toothpick to punch through the two holes so they're larger.

Fold the two tabs with green dots DOWNWARD and then fold the gray rectangular tab DOWNWARD. Next, fold the four gray side tabs DOWNWARD and then fold the two end panels and the two side panels DOWNWARD, folding along the blue lines.

Glue the gray side tabs to the back of the end panels as shown in Figure 1. Then fold the remaining three gray tabs down and glue them to the back of the adjoining panels as shown in Figure 2. Run the toothpick through the hole in the end panel to be sure it's clear.

Cut out the BRACE on parts page 3. Use the needle to punch a hole in the center of all three white dots. Then run the toothpick through all three dots to enlarge them. Fold the outer light gray panels (with green dots) UPWARD. Fold the two narrow dark gray panels DOWNWARD. Fold the two large gray panels UPWARD. The BRACE should now resemble Figure 3.

Now place the BRACE inside the BASE as shown in Figure 4. Glue the panels with green dots together and then glue the center panel to the gray inner rectangle on the BASE. Be sure the green arrow on the BRACE is pointing towards the top of the BASE. Again run a toothpick through the end panel hole to be sure it's clear.

Parts page 3 has a SCALE, use this to measure and cut one of the toothpicks to a length of 2 inches. Push the toothpick through the two side holes in the BRACE so it's positioned as shown in Figure 5.

Next, cut out the COFFIN on parts page 2. There are four white dots, one on each side panel and one on each side lining panel. Puncture the center of each dot with the needle and then run the toothpick through each dot to enlarge it. Fold DOWNWARD on either side of the center panel (this panel will be the foot of the coffin). Fold the two black panels DOWNWARD. You may fold the three lining panels DOWNWARD but DO NOT glue them in place yet.

Cut out the COFFIN TOP on parts page 2. Fold the lining panel and the two black tabs DOWNWARD. Glue the lining panel to the back of the end panel it's connected to. Glue the black tabs to the inside of the COFFIN side panels, forming a rectangular shape as shown in Figure 6. Now fold the three remaining lining panels DOWNWARD and glue them to the back of the adjoining side panels. Run a toothpick through the two side holes to be sure they're clear.

Place the COFFIN in place on the BASE and glue the two black COFFIN tabs to the black area on the BASE. The tabs don't need to touch in the middle, just be sure the coffin sides line up with the sides of the black area on the BASE, and the foot of the coffin lines up with the hole in the BASE, as shown in Figure 7. Cut out the COFFIN LINER on parts page 2 and glue it over the black COFFIN tabs as shown in Figure 8. Be sure not to cover the hole in the BASE.

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Now cut out the LID on parts page 2. Fold DOWNWARD along the blue center line. DO NOT glue the two panels together yet. Place a piece of tape on the back of the LID panel with lining. The tape should extend about half an inch over the edge of the panel as shown in Figure 9. Place the panel face down on the coffin, with the top of the LID even with the COFIN TOP (the finished lid will hang over the sides and bottom of the coffin by about a quarter of an inch). Connect the tape to the COFFIN TOP as shown in Figure 10. Now glue the two LID panels together and trim as needed (you may want to flip the whole model upside down for this step). Be sure the LID rests flat on the COFFIN. Next, cut out the TOP COVER on parts page 2. Glue it directly over the COFFIN TOP to hide the tape. You should now have a finished coffin with a lid that opens easily. To customize the coffin, you may select any of the plaques on parts page 3 and glue it to the coffin's lid.

And now it's time to add the vampire! Cut out the vampire on parts page 3. Use the needle to punch a hole in the center of each of the four white dots. Run a toothpick through all four dots to enlarge them. Fold the black panel on the left DOWNWARD. Fold the 2nd black panel from the left UPWARD. Fold the black panel beside the vampire DOWNWARD. Fold the two small gray tabs UPWARD and glue them to the back of the black panel they're attached to. The piece should now resemble Figure 12. Glue the left panel to the back of the second panel. Glue the second panel to the front of the third panel. Glue the third panel to the back of the vampire. After the panels are glued together, run a toothpick through the hole to be sure it's clear. Use a black marker to tidy up any white edges on your vampire.

Use the SCALE to cut a toothpick to a length of one and three quarters of an inch. Place the toothpick over the two tabs on the back of the vampire, as shown in Figure 13. The toothpick should extend about a quarter of an inch beyond either side of the vampire. Tape the toothpick securely in place and then punch through the hole again with your 'punch' toothpick to be sure the hole is clear.

We'll add thread to the vampire next. I recommend running a few feet of thread through the needle and tying it off so there's a double length about a foot long. We'll refer to this as 'the thread". Tie one end of the thread to the vampire, going through the hole in the bottom of the vampire piece.

Now open the coffin, drop the thread through the hole in the base, and carefully place the vampire's toothpick into the two holes in the coffin sides, as shown in Figure 14. (You can darken the ends of the toothpick, as well as all three holes in the coffin and base, with a black marker before putting the vampire in place.) The toothpick should extend from either side of the coffin about an eighth of an inch.

The vampire is now finished but will look nicer lying in it's coffin if we add a spacer to it's back (so it rests level with the coffin's bottom). Cut out the CUBE on parts page 3. Fold DOWNWARD between all five panels. Glue the panel with the yellow dot directly to the back of the opposite panel, forming a square as shown in Figure 15. Glue the CUBE to the back of the vampire, about an inch above the toothpick, as shown in Figure 16. Lay the vampire down in the coffin so it rests on the cube.

The final step is to enable the vampire to rise up from it's coffin. The thread should run down from the vampire, behind the toothpick in the base, and up through the hole in the base's front panel, as shown in Figure 17. Position the thread as shown and then give it a gentle pull. The vampire should throw aside the coffin lid and spring upright.

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To finish the project, cut out the three COIN discs. Use the needle and toothpick to punch through the hole in the center of the black disc. Now use the black disc as a template. Trace it onto the piece of cardboard. Cut out the cardboard circle and punch through the center with the needle and toothpick. Tie the thread to the cardboard circle, running the thread through the hole in the center as shown in Figure 18. There should be an inch or two of thread between the circle and the base when the vampire is lying down. Tie the thread securely to the cardboard circle. Glue the remaining two circles to either side of the cardboard circle to form a coin at the end of the thread. Trim as needed. You can tidy up the edges with a black marker.

And that's everything! You now have your own undead little monstrosity, ready to spring up from it's undead repose to confront anyone foolish enough to be caught trying to steal it's golden coin.

To further personalize the model, you might substitute the paper coin for a favorite button, a pendant, a small key or some other similar item. Also, you can use any of the three vampires with each coffin, so feel free to create your own favorite combinations.