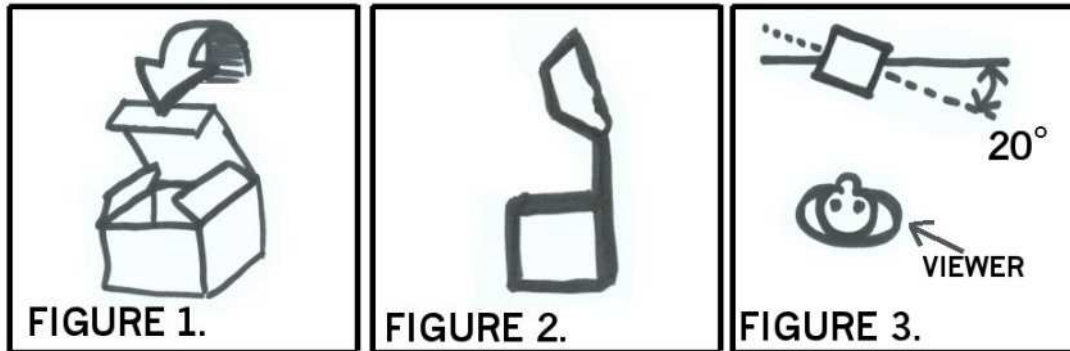


## THE 'MOVING SCULPTURE' ILLUSION -ASSEMBLY INSTRUCTIONS-



WHAT YOU'LL NEED: Scissors, Elmer's glue (or a glue stick), and a ruler (or other straightedge).

### How to BUILD THE SCULPTURE:

Begin by cutting out the entire piece. Do not remove any of the blue areas, but DO cut away the gray area behind the top of the head (it's just there to help you see the top edge of the skull). Next we need to make a cut along the left side of the two triangles on the head. Cut along the left edge of the lower triangle (beside the teeth) and then cut along the left edge of the upper triangle (beside the brain). Now locate the three red lines beside the blue tabs on the base. Cut along all three red lines to separate the sides of the tabs from the Top and Bottom panels.

Next we'll do the folding. Begin by folding the lower triangle on the head UPWARDS (don't bend the upper triangle, it stays flat). Next place a straightedge between the points of the two triangles and fold the left side of the head UPWARDS (not downwards) along this line. Fold all six blue tabs on the base DOWNWARDS. Fold the Top and Bottom panels DOWNWARD, and then fold DOWNWARD between the four side panels. Now we'll glue the piece together. Begin with the lower triangle on the head. Glue it to the BACK of the left section (with the teeth). Be sure the blue is completely covered when viewed from the front. After it's glued securely, the two sides of the jaw should be folded into a 45-degree angle. Next glue the top triangle to the BACK of the left section (with the brain), again being sure the blue is covered from the front. After this triangle is glued securely, press the seam flat. Although the head will appear convex (like a box) when the sculpture's finished, it's actually concave (like a spoon). To build the base, we'll start by gluing the left side tab to the back of the far right Side panel. Then fold the bottom panel over the lower Side panel tabs and tuck the bottom panel's tab inside the box (see figure1). Glue the Bottom panel in place. Fold the Top panel over the upper Side tab in the same manner, and tuck the Top panel's tab inside the box. (Leave the Top panel unglued and the base will make a nifty little storage box.)

To finish building the piece, tilt the head BACK about 45 degrees by gently bending the neck between the two green arrows (see figure2, shown from left side of sculpture). This bend should be just below the bottom of the jaw. And that's it! You're ready to view the illusion.

### How to VIEW THE ILLUSION:

The sculpture should be placed a little below eye level on a flat surface. Find a location where both sides of the head are evenly illuminated without any glare. Start with the body facing you, and rotate the base to the RIGHT (clockwise) about 20-degrees (see figure3). The illusion is strongest from approximately 0 to 45 degrees. Sit back (or stand back) several feet from the sculpture. Anywhere from 2 to 10 feet away should work fine. Relax and look into the character's eyes for a few moments. Enjoy his deep penetrating gaze. Now lean (or step) to the left or right, and the sculpture's head should seem to turn, following your motions. Lean up or down and the head will seem to move that way as well. Place this little fellow on a shelf or in a corner somewhere and he's sure to amaze everyone who walks by.