3D Map Instructions

1) Trace the outside border of the map and cut it out on a sheet of cardboard. This will become the base layer and represents the map’s lowest elevation (1000 feet).
2) Cut out the reservoir from the map.

3) Trace the remaining part of the paper map onto the cardboard.
4) Cut out the outline of the reservoir and the border.

5) Glue the sheet of cardboard with the reservoir cut out (1200 feet elevation) on top of the base layer.
6) Cut out the next lowest elevation (1400 feet) from the paper map. At this point, the map will be divided into two parts.

7) Trace one of the remaining parts of the paper map onto a new sheet of cardboard. (The following pictures only show one half of the reservoir’s 1400-foot contour being constructed. The other side is constructed in the same way at the same time by a partner.)
8) Cut out the contour that was traced on the cardboard.

9) Glue the cut out layer of cardboard on top of the previous layer. Use the map that you did not cut up as a reference to know where to place the new layer.

10) Repeat steps 6 through 9 until the map is completed.
11) Add elevation labels.