

Crayon Turtle—Operation Sheet

Material: 3 1/2" x 7" x 1 1/2" poplar or other close grained wood.

Equipment Required: Band saw, drill press, and router.

Finish: None, bare wood

Note: Drill slowly and bring the bit up frequently to clear shavings, this will save your bit and make a better quality hole.

Operations:

1. Cut wood to size the size noted above.
2. Using a square, locate and mark the hole spacing on top of the work piece (see plan below).
3. Locate and draw lines 7/16" from both edges on top of work piece.
4. Starting 2 1/4" from the front make a mark. This mark designates the center line of the first hole. Draw this line across the top of the work piece. Next, using a dividers, measure the remaining hole 5/8" apart as noted on the drawing. Mark intersecting points with an awl.
5. Using a brad point 3/8" drill bit, drill holes 2" deep.
6. Using the Turtle template, trace the outline of the turtle on the work piece. Mark the location for the mouth and the eyes.
7. Cut turtle profile and mouth. Touch drill eye location. Do not drill through the work piece when drilling the eyes.
8. Route all edges with 1/8" radius router bit or sand all sharp edges.

