

Sunflower pot

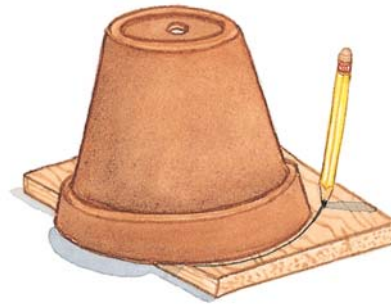
A sunny birdhouse to rent to wrens.



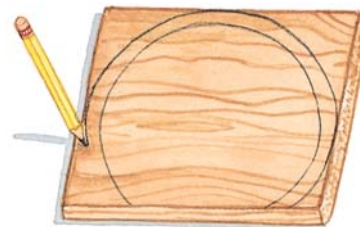
You will need

- one glazed or varnished clay flowerpot, about 16 cm (6 1/4 in.) diameter
- pine boards: 1 x 8 x 17 cm (6 3/4 in.), 1 x 2 x 40 cm (16 in.), 1 x 2 x 5 cm (2 in.)
- seventeen 1/8 in. pine slats, 1 1/4 in. x 8 cm (3 in.)
- about forty 3/4 in. finishing nails
- sixty to eighty black 3/4 in. tacks
- one 2 in. bolt and locknut • one black plumbing washer
- four 1 1/4 in. screw eyes
- four 10 cm (4 in.) lengths and a 2 m (80 in.) length of 20 gauge galvanized wire
- yellow, light brown, black and green oil pastel crayons
- pencil, ruler, exterior wood glue and damp rag
- work gloves and safety glasses
- C-clamps, hammer, hand drill with a 5/16 in. bit and a 1/16 in. bit, power drill and 1 1/4 in. hole saw, coping saw, screwdriver, locking pliers or wrench

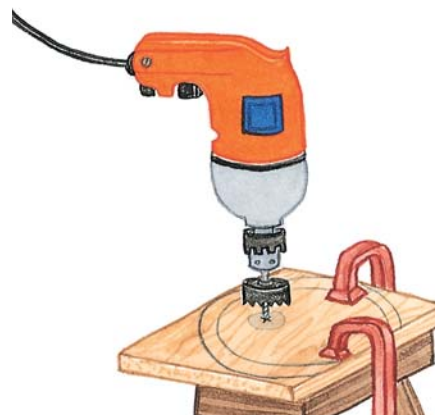
1 Place the pot upside down on the 17 cm (6 3/4 in.) board. One side should stick out about 2 cm (3/4 in.) past the edge of the board. Trace around the pot's edge with a pencil.



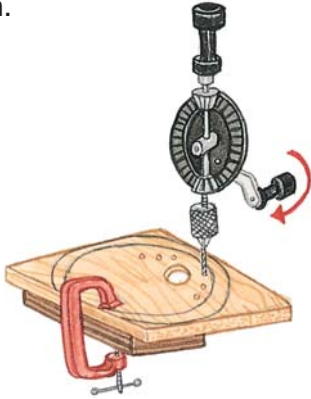
2 Remove the pot. Draw a circle about 1 cm (1/2 in.) outside the first circle, as shown.



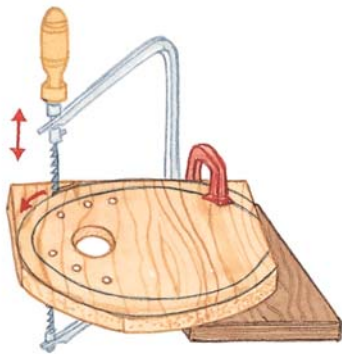
3 Clamp the board to your work surface. Mark an X in the center, 11.5 cm (4 1/2 in.) up from the straight edge. Ask an adult to drill a 1 1/4 in. entrance hole over the X using the power drill.



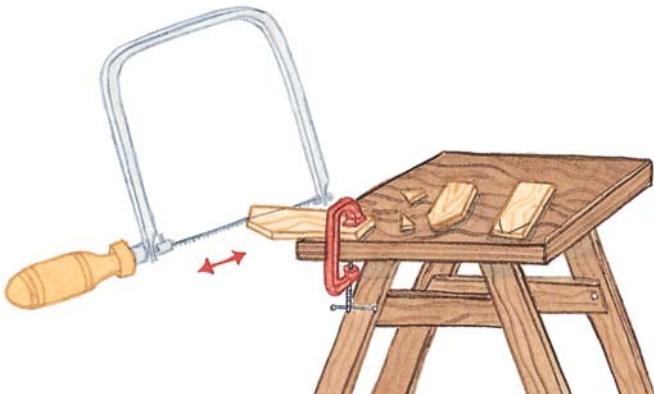
- 4** Hand drill three $\frac{5}{16}$ in. air holes on each side of the entrance hole, as shown.



- 5** Using the coping saw, cut out the circle along the outer line. Don't worry if the circle isn't perfect — its edges will be hidden.



- 6** For each of the seventeen petals, draw a petal tip onto one end of a pine slat. Clamp the slat and cut the tip out with the coping saw.

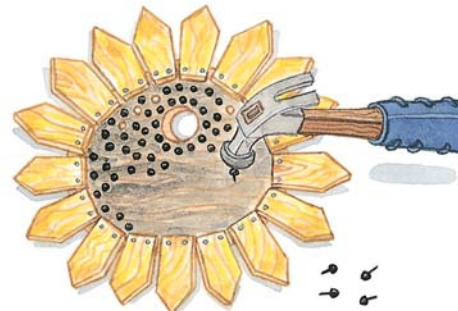


- 7** Color the petals yellow and light brown roughly and smudge them lightly. Color the center of the flower (inside the circle) black. Color the 40 cm (16 in.) board green for the stem.

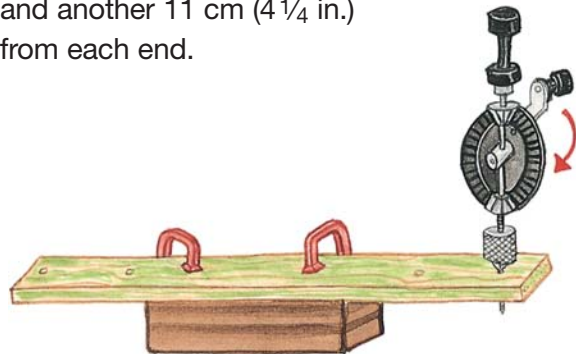


- 8** Dab some glue on the back of the petals, and nail them around the flower center using two finishing nails for each petal. If the wood splits, hand drill $\frac{1}{16}$ in. pilot holes first.

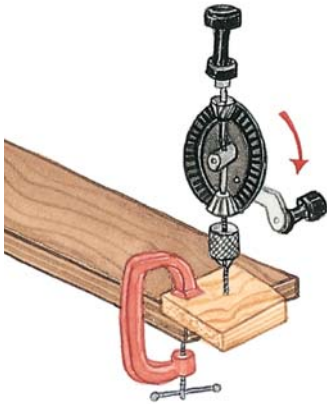
- 9** Hammer tacks in the center of the flower to look like seeds.



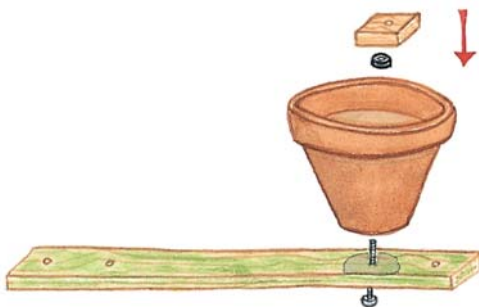
- 10** Clamp the 40 cm (16 in.) board to your work surface. Mark and hand drill two $\frac{5}{16}$ in. holes, one 2.5 cm (1 in.) and another 11 cm (4 $\frac{1}{4}$ in.) from each end.



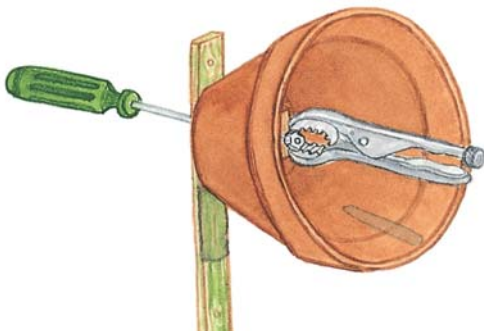
- 11** Clamp the 5 cm (2 in.) board to your work surface. Mark and hand drill a $\frac{5}{16}$ in. hole in the center.



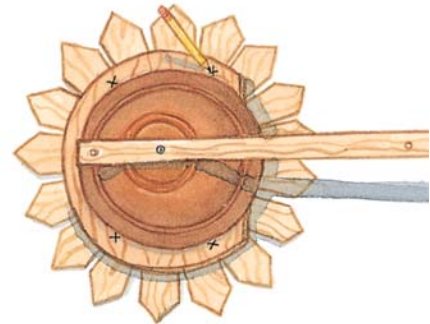
- 12** Slip the bolt through a hole on the 40 cm (16 in.) board, as shown. Next, slip on the pot, followed by the washer and then the 5 cm (2 in.) board.



- 13** Grasping the locknut with the locking pliers or wrench, use the screwdriver to screw the nut onto the bolt. Tighten it gently so the pot doesn't crack.



- 14** Place the pot upside down on the back of the flower, leaving a gap at the bottom for drainage. Mark four Xs, as shown. Remove the pot and screw in a screw eye at each X.



- 15** Slip a bent 10 cm (4 in.) length of wire through each screw eye. Twist once to hold.



- 16** Place the pot between the screw eyes. Wind the 2 m (80 in.) wire around the pot a few times, threading it through the screw eye wires. Twist the ends together, and then twist the screw eye wire ends to hold the pot tightly to the flower.

