

## Gourd Bird Feeder Project (Tulip, Gourd Leaves)

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### **CAUTIONS:**

1. **THE FOLLOWING OPERATIONS REQUIRE THE USE OF POWER TOOLS. AN ADULT SHOULD BE PRESENT TO OVERSEE THE USE OF THE TOOLS.**
2. **THIS ALSO REQUIRES THE USE OF A HOT-MELT GLUE GUN. AN ADULT SHOULD BE PRESENT TO OVERSEE THE USE OF THE GLUE GUN.**
3. **ALWAYS WEAR PROPER SAFETY EQUIPMENT WHEN OPERATING TOOLS OR AROUND CHEMICAL (GLUE & CLEANUP) OPERATIONS.**

### **Materials:**

1 ea 3" TO 4" Round Gourd

1 ea 5/16" X 3ft or 3/8" X 3 ft. Wooden Dowel (depends on gourd size).

1 ea 1/8" X 3 in X 36 in Balsa Sheet

Sand Paper - Primer - Acrylic Paints - Thinner (for brush cleanup)

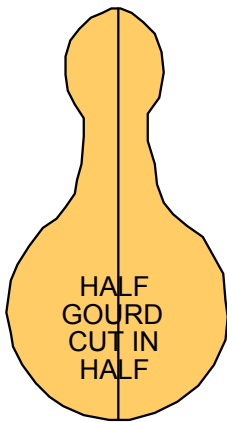
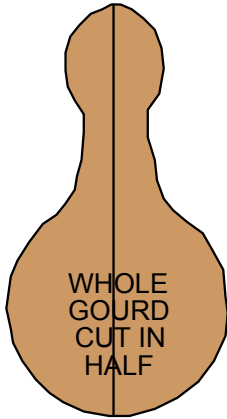
DEMO Only - 4"X4"X4" Base - drill deep hole to fit stem.

### **Instructions:**

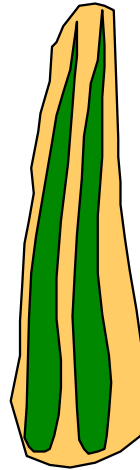
01. Clean gourds - exterior and interior, for painting and using as feeder.
02. Cut or saw tops of gourds in shape of Tulips.  
  
Drill hole in bottom of gourd to accept stem dowel.
03. Cut & shape inside tulip petals from balsa wood. Paint a slightly different shade than gourd flower for 3-D effect. Cut & shape a small piece for inside dowel support.
04. Paint gourd very bright solid color or try to match natural colors.
05. Cut leaf patterns - 3 large leaves and 3 small leaves per flower.  
  
Use pattern supplied and pieces from quartered bi-lobal gourd as shown on pattern.
06. Paint Large leaves dark green and let cure. Paint 1/4" dowel dark green and let cure.
07. Paint Small leaves light green and let cure.
08. Insert painted dowel into base of gourd. Push approx. 1/4" of dowel through and hot glue in place, inside and outside of gourd. Glue underside of small piece and push into place while ALL glue is still hot.

09. Hot glue small leaves on large leaves with bases matching approximately at bottom and centered.
10. Use a drill bit the size of the dowel and channel at sharp angle for gluing to the dowel.
11. Hot glue leaves, one at a time, to the stem at three levels as desired. Support the stem, flower, and leaf and let dry before gluing next leaf.
12. Paint inside of flower yellow where build up is to look like pollen – and to hide glue.
13. When ready to display, push stem into earth approximately 6 inches.
14. Fill FEEDER cup with bird seed, grass seed, etc. to attract birds. Sit back and ENJOY!!

Use a saw to cut a bottle gourd into quarters lengthwise for leaves.



1/4 PIECE OF GOURD



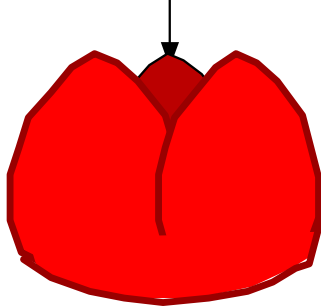
Use quarter cut gourd piece to lay out leaf pattern. Cut, shape, smooth, & paint. Make a small cut in broad bottom to allow to fit around stem dowel.

**Finish all of the PARTS of the flower through painting.**

**Glue the head onto the stem, including an inside and/or outside piece all at the same time. Let cure.**

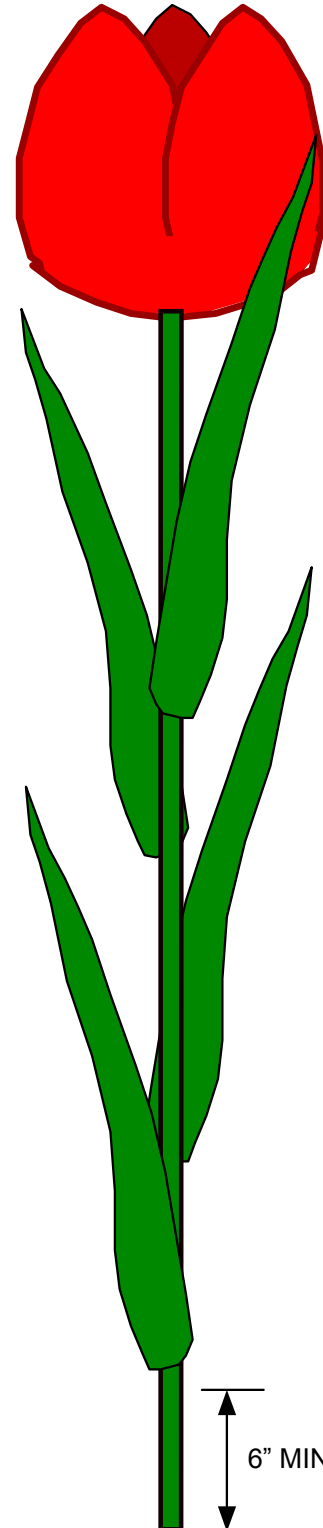
**Glue leaves on individually and let each dry. Support flower and stem as each leaf is glued to allow proper setup.**

Use small pieces cut from gourd material to use as petals inside. Cut, shape, paint, & glue.



Use a small round gourd or a small bottleneck gourd for flower. Cut & size shape desired. glue a small piece of gourd on inside bottom where dowel will come through for additional support. A piece may be shaped and glued to the bottom outside as a Sepal to also help support the flower.

**FINISHED FLOWER**



Pattern adapted from item in Gardener's Supply Company Spring 2005 catalog, page50.  
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