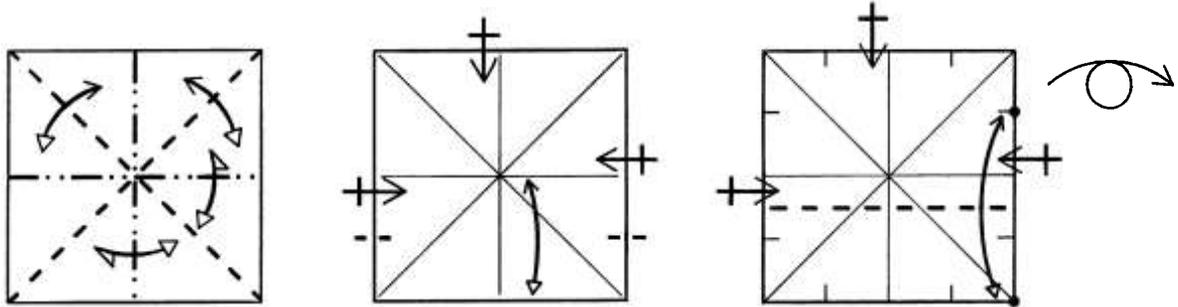


## Sculpted Vase

Designed by Marcia Joy Miller

*Advanced*

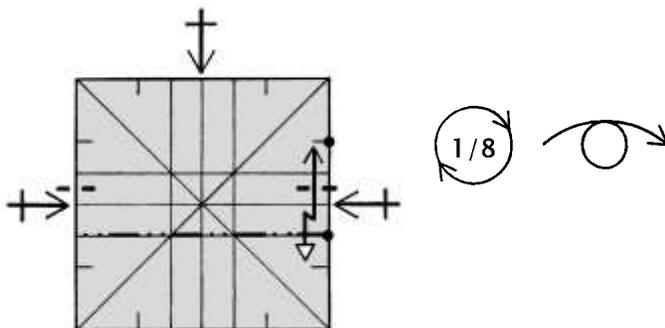
Fill Sculpted Vase with your favorite origami flowers for a special gift. Fold the vase from a ten inch (twenty-five centimeter) square of origami paper or an eleven inch square of lightweight bond paper. To create a showpiece, make it from a larger square of thicker paper such as an art paper.



**1.** Start with the white side of the paper facing you. Fold the crease pattern for a Waterbomb Base.

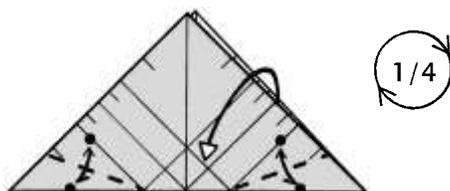
**2.** Bring the bottom edge to the center line and make a partial fold at each edge. Unfold. Repeat the procedure with each edge.

**3.** Fold the bottom edge to the furthest pair of partial creases. Unfold. Repeat for each edge. Turn the model over from side to side.

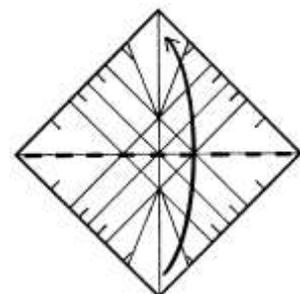


**4.** Pinch a mountain fold with the bottom full crease and bring it to the furthest pair of partial creases. Make a partial fold at each edge. Unfold. Repeat the procedure three times. Rotate the model one-eighth turn clockwise. Turn the model over from side to side.

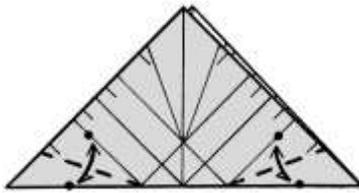
**5.** Fold the bottom corner to the top corner.



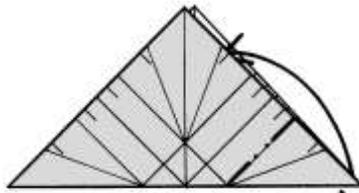
**6.** Make a hinge crease (a valley crease and a mountain crease) with the right corner as indicated. Do a similar procedure with the left corner. Open the model completely. Rotate the model one-quarter turn clockwise. (Note: if you are folding with thick paper, instead of folding hinge creases, make crimp folds as in step 21. Form the crimp folds so there is just a little distance between them at the bottom.)



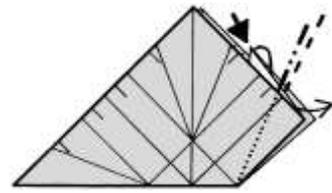
**7.** Fold the bottom corner to the top corner.



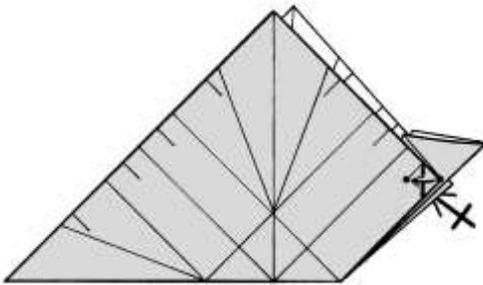
**8.** Make a hinge crease with the right corner as indicated. Do a similar procedure with the left corner. (If you are folding with thick paper, refer to the note for step 6.)



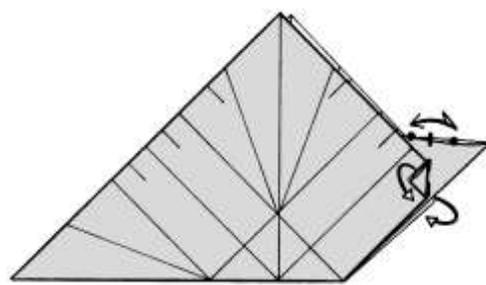
**9.** Make an inside reverse fold using the indicated creases.



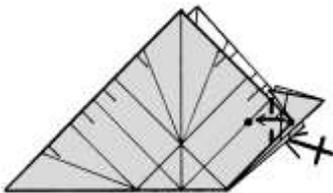
**10.** Push the corner outside of the model making an inside reverse fold on the existing creases.



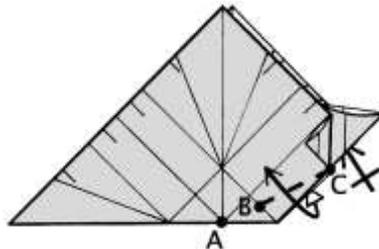
**11.** Create a triangular flap by folding the double raw edge to the closest partial crease. Repeat behind.



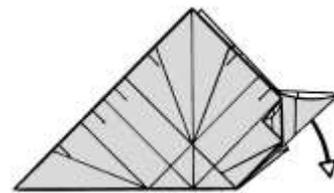
**12.** Fold the flap against the fold that you created in the last step, being careful to match all the raw edges of the flap. Unfold. Now, make a mountain crease with the new crease. Unfold the small triangular flaps in the front and back.



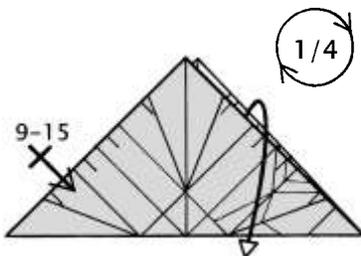
**13.** Fold the double raw edge to the full crease creating a triangular flap. Repeat behind.



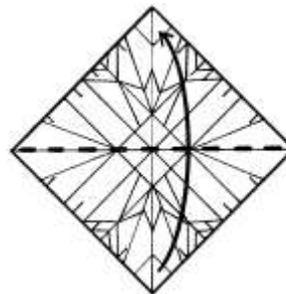
**14.** Lift the bottom right corner creating a bend that extends from A to C. Press a crease for only the portion of the bend that is located to the right of B, being careful to press well through all layers. Repeat the procedure behind.



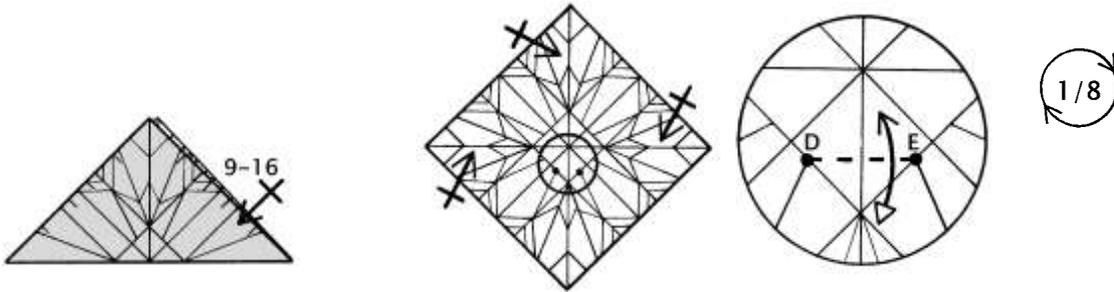
**15.** Open the double reverse fold causing the front and back triangular flaps to also open.



**16.** Repeat steps 9–15 on the left side. Open the model completely. Rotate the model one-quarter turn clockwise.

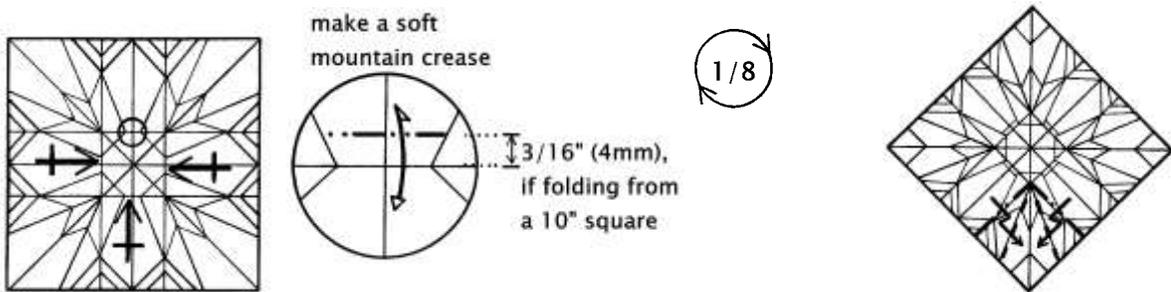


**17.** Fold the bottom corner to the top corner.



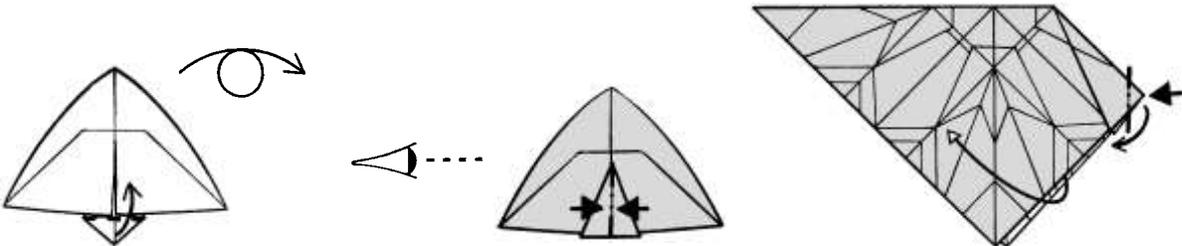
18. Repeat steps 9–16.

19. Make a crease that connects D to E. See the magnified circle at the above right for detail. Repeat on the other three sections. Rotate the model one-eighth turn clockwise.



20. Make a soft mountain crease that connects the two slanted creases. See the magnified circle at the above right for detail. The placement of this crease is dependent on the size of the square that you are folding. Repeat three times. Rotate the model one-eighth turn clockwise.

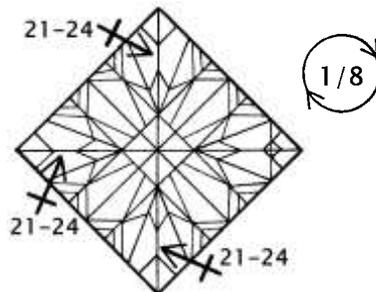
21. Make a pair of crimp folds on the existing creases. The model is now three-dimensional.



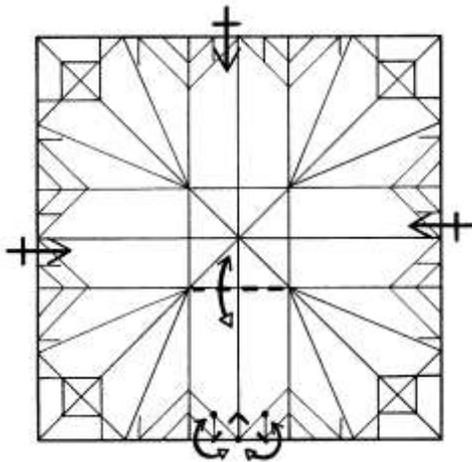
22. Fold the flap up against the raw edges. Turn the model over from side to side.

23. While holding the model in the air, emphasize the mountain fold by pinching along it. The next view is from the left of the model.

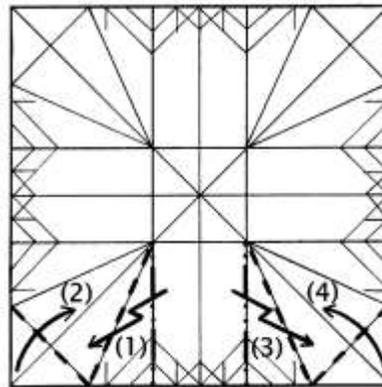
24. Make the inside reverse fold through all layers. Open the model completely so the white side is facing you.



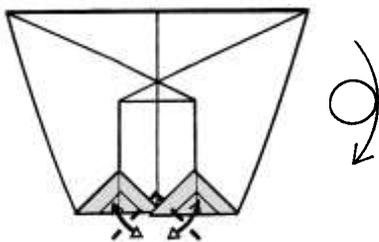
25. Repeat steps 21–24 on the other three sections. Rotate the model one-eighth turn clockwise.



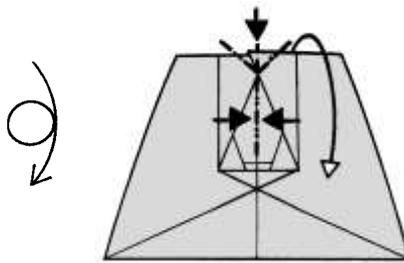
**26.** Emphasize the section of the full crease located near the center section as a valley crease. Make the two slanted valley creases. Repeat three times.



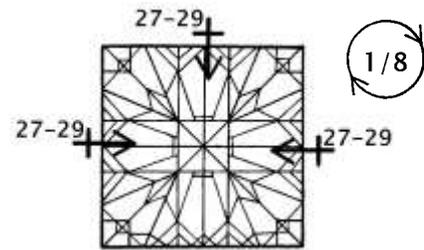
**27.** Make the four folds in the sequence shown above. First, make the left crimp fold on the existing creases. The model is now three-dimensional. Then, make a fold with the bottom left corner on the existing crease. Next, make the crimp fold on the right. Finally, make a fold on the existing crease with the bottom right flap.



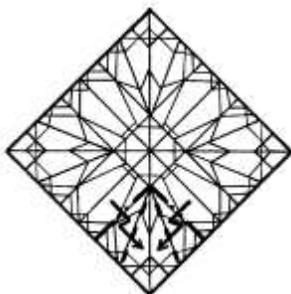
**28.** Through all layers, extend the valley creases that are on the white area to the bottom edge. (Ignore the existing creases on the color flaps because they may be misaligned.) Turn the model over from top to bottom.



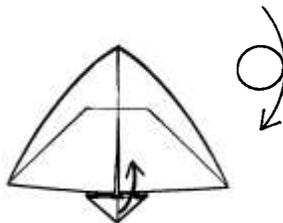
**29.** First, make the short vertical valley crease located near the top. Then, make the inside reverse fold and pinch a vertical mountain crease almost down to the partial horizontal crease. Open the model completely so the white side is facing you.



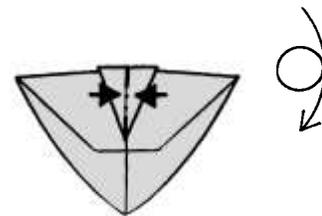
**30.** Repeat steps 27–29 on the other three sections. Rotate the model one-eighth turn clockwise.



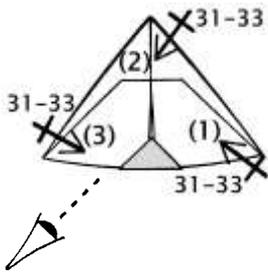
**31.** Make the pair of crimp folds. The model is now three-dimensional.



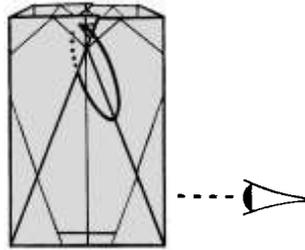
**32.** Fold the flap up on the existing crease. Turn the model over from top to bottom.



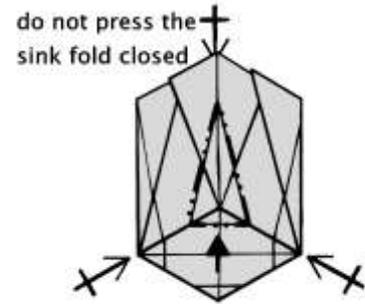
**33.** Emphasize the mountain fold. Turn the model over from top to bottom.



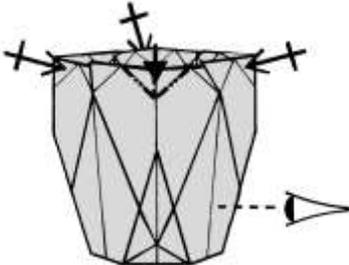
**34.** Repeat steps 31–33 on each section in a counterclockwise order. The next view is from the front left.



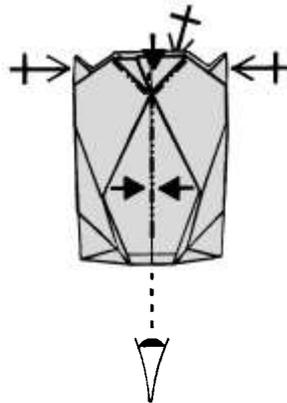
**35.** At the top center the left flap overlaps the right flap. On the sides and back, the right flap overlaps the left. Adjust the front so that the right flap overlaps the left. The next view is from the right bottom corner.



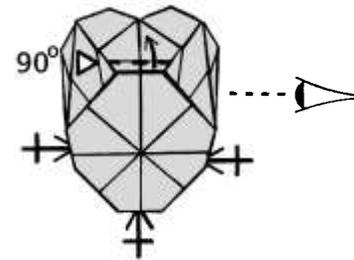
**36.** Push the corner into the model. Do not close up the recessed area. Repeat on the other three corners.



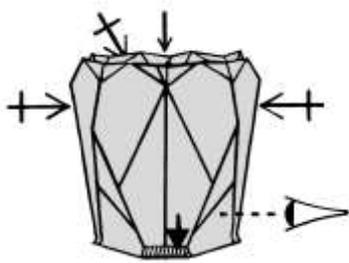
**37.** Make an inside reverse fold. After the fold is completed, it will partially open. Repeat on the other three corners. The next view is from the center of the front right side.



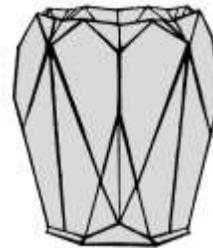
**38.** Make an inside reverse fold. While holding the fold closed, pinch a mountain fold on the crease that begins at the bottom of the reverse fold and ends a small distance above the partial crease. After the fold is completed, the reverse fold will partially open. Repeat three times. The next view is from the bottom.



**39.** Make the partially open fold but do not make a crease on what will be the base of the vase. Press the bottom corner of the right side of the left sink fold and the bottom corner of the left side of the right sink fold. Repeat three times. The next view is from the right.



**40.** Gently push down on the top with the palm of one hand while pressing the area that is shaded with lines with a finger of the other hand. Repeat three times. The next view is from the front right.



**41.** Sculpted Vase can be positioned in two ways. Each gives a different look for the front of the vase. Choose between the vase positioned as in this step (with one sink fold facing you) or as in the position of step 40 (with two sink folds facing you).