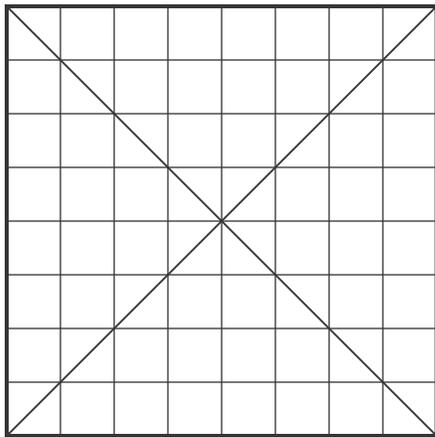


# Twisted Windmill Rosebud

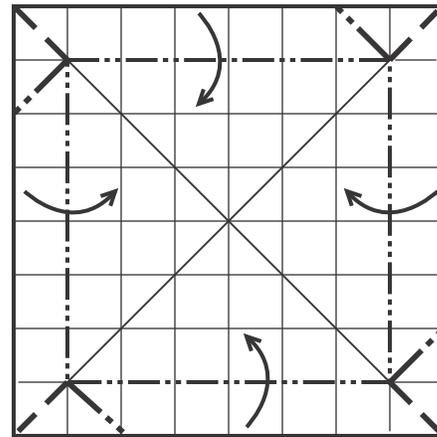
by Kalei Anne Lundberg  
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A pair of tweezers or forceps will be very helpful in the final steps of this model. Directions for folding a calyx into the model are given at the end of the diagrams. A 6" piece of paper will make a model about 2.5 inches tall and about 2 inches in diameter.

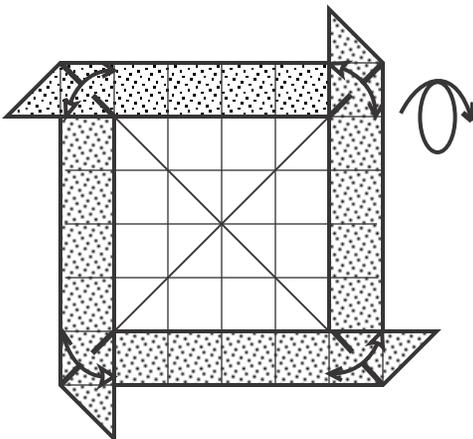
The diagrams are offered for personal use; for any other use please contact me for permission at [models@kalei.com](mailto:models@kalei.com).



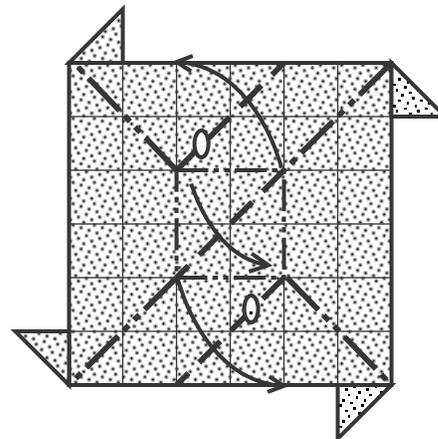
1. Precrease an 8x8 grid and both diagonals.



2. Create a windmill fold using the outer section.

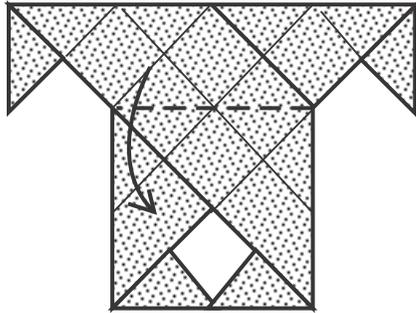


3. Fold and unfold the windmill points. These creases will help to keep the paper positioned correctly during the collapse in the next step.

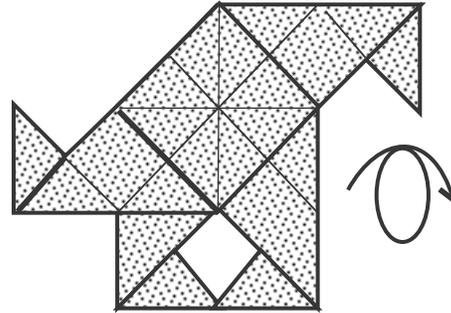


4. Sink the center section along one diagonal -- a half sink -- collapsing the model to the right as you do so. The valley folds marked with the small circle will form automatically when you flatten the model.

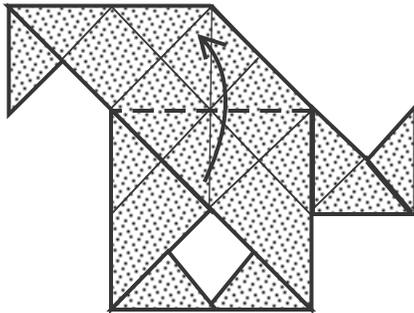
*Diagrams enlarged somewhat.*



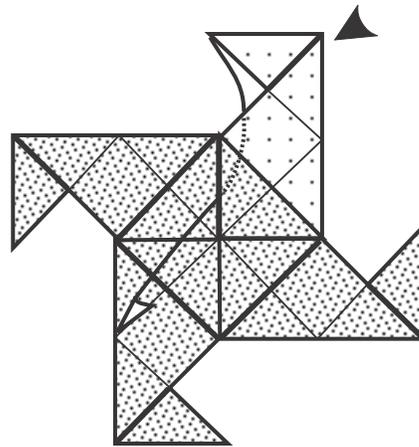
5. If all went right you model should look like this and lay flat. Valley fold the top layer down.



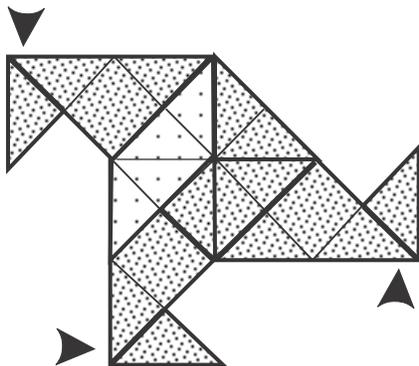
6. Turn over.



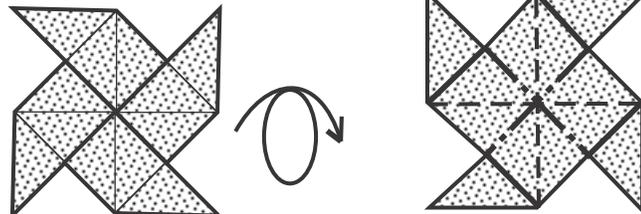
7. Valley fold the top bottom layer up. This completes the Kawasaki Twist Fold.



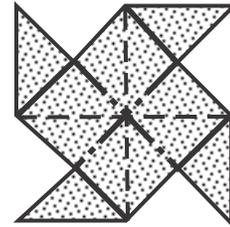
8. Inside reverse fold the odd colored wing of the windmill. The enclosed point will pull out flat in this move.



9. The odd color section shows where the windmill wing will end up after step 8 is complete. Repeat step 8 on the other 3 wings of the windmill.

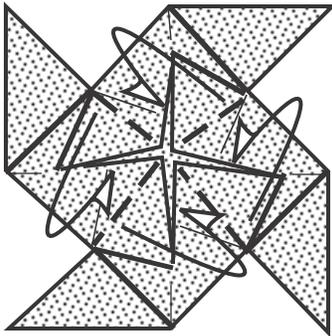


10. Four layer Twisted Windmill complete. Turn model over.

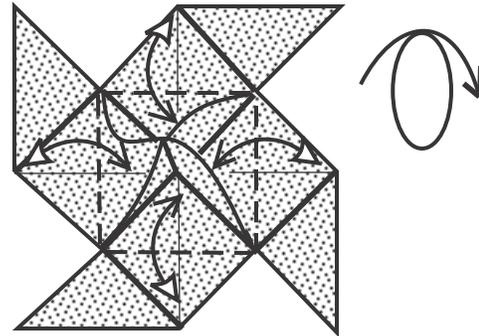


11. Raise the top layer only so that the horizontal and vertical folds meet in the center, making the model 3D. This will form the base of the rosebud.

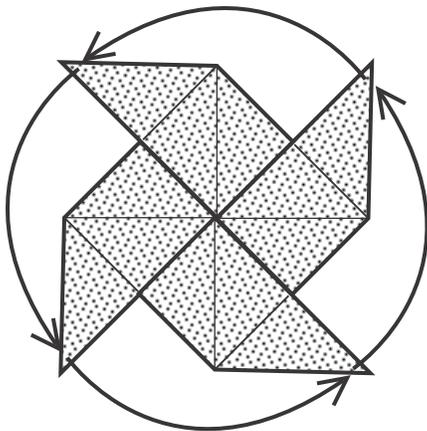
*Diagrams enlarged again.*



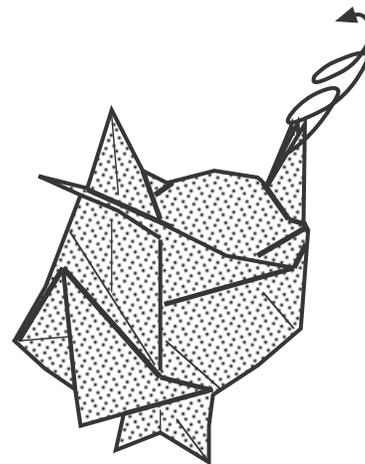
12. Valley fold each flange through all layers to the right to close and lock the base.



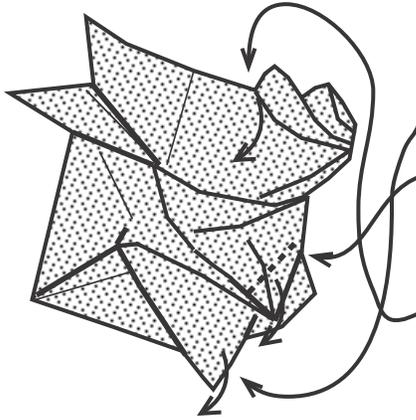
13. Valley fold each of the topmost free corners to the center of the model and unfold. These will be the bottom petals of the model. Turn model over.



14. Tweezers or forceps will come in handy for the rest of the moves. Lift and gather all four wings of the windmill together in a counter clockwise manner. Hold on tight.



15. Holding onto the base with one hand and the 4 tips with the tweezers or forceps, twist as tight as possible in a counter clockwise direction.



16. Using the tweezers or forceps grasp the tip of:

**Bottom Petals:** curl under tightly.

**Mid-level Petals:** curl under lightly a slight angle (suggested by the dotted line) making sure to catch the double layers on the left side of the petal in the curl. This is to stop the model from spreading over time.

**Center Core:** Soften the point where the triangular part of the wing meets the rectangular part of the wing by bending slightly to the outside.

If the center twist has opened with all the curling arrange the tips back together and twist them again if necessary.

### Calyx

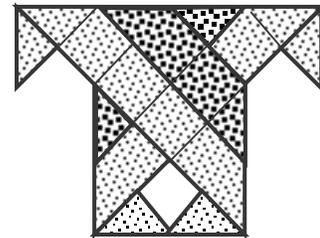
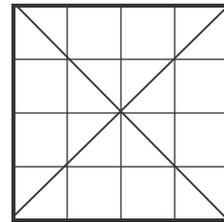
A very simple calyx can be folded directly into the model. Starting with a square 1/4 the size of the flower paper.

Precrease a 4x4 grid and the diagonals.

Center this paper over the 4x4 grid in the center of the flower paper just before making the collapse in step 4. Then fold as one.

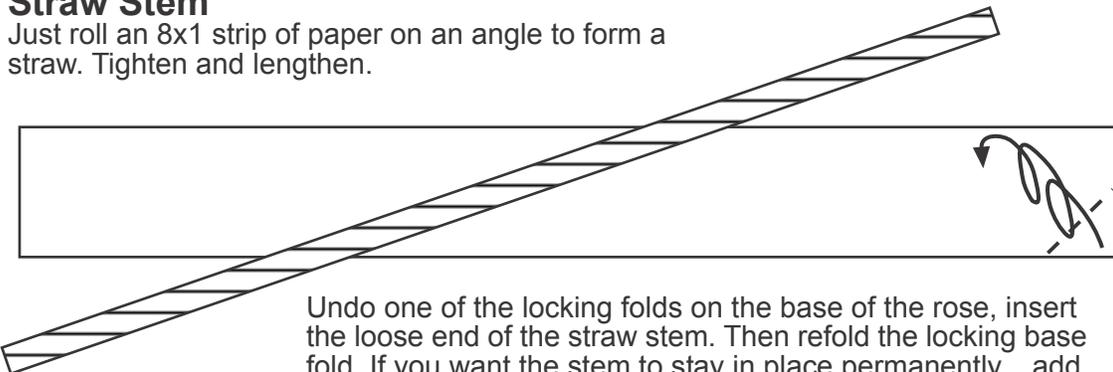
The second diagram shows what the step 5 should look like with the calyx paper in place.

The result will be that the entire base will be the color of the calyx paper...green I presume.



### Straw Stem

Just roll an 8x1 strip of paper on an angle to form a straw. Tighten and lengthen.



Undo one of the locking folds on the base of the rose, insert the loose end of the straw stem. Then refold the locking base fold. If you want the stem to stay in place permanently... add a dot of glue to the stem before inserting.