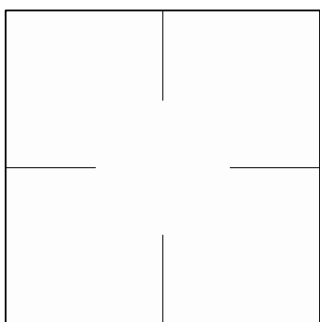


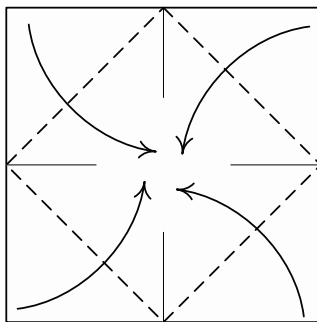
Decorative Cube and Variations

(Created June 2014)

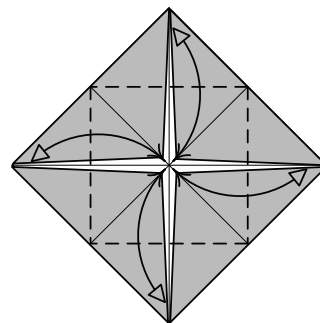
The Decorative Cubes are an improvement over my previous Windmill Base Cubes from 2009 (*Origami Inspirations*, [Muk10]) in that, no separate joining tabs are needed. Each face is still a Froebel type design but the use of separate joining tabs are eliminated by starting with Blintzed Windmill Bases instead of ordinary Windmill Bases. Corona Harmony paper, 6" or larger, best suits the design though solid paper works well too.



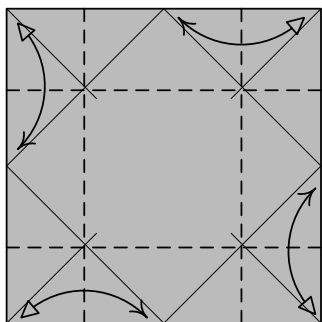
1. Book-fold both ways.
Do not crease near the center.



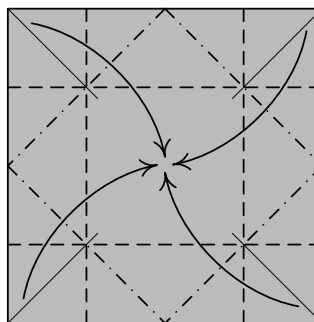
2. Blintz fold.



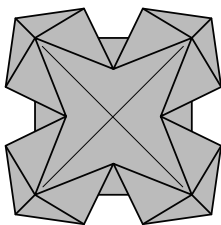
3. Blintz fold through all layers and unfold. Turn over and rotate.



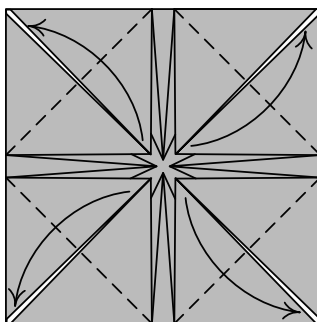
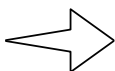
4. Cupboard fold both ways through all layers and unfold.



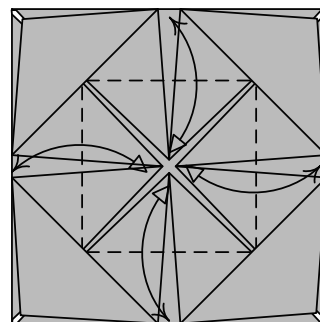
5. Collapse into a windmill base following the gender of the folds.



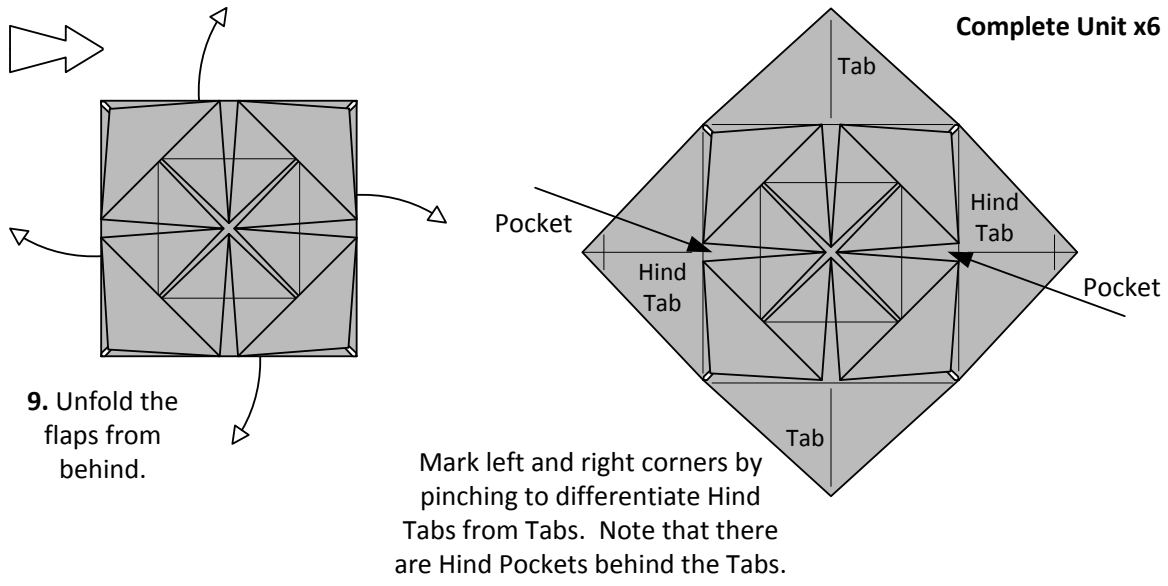
6. Collapse in progress. Flatten completely to arrive at the Blintz Windmill Base.



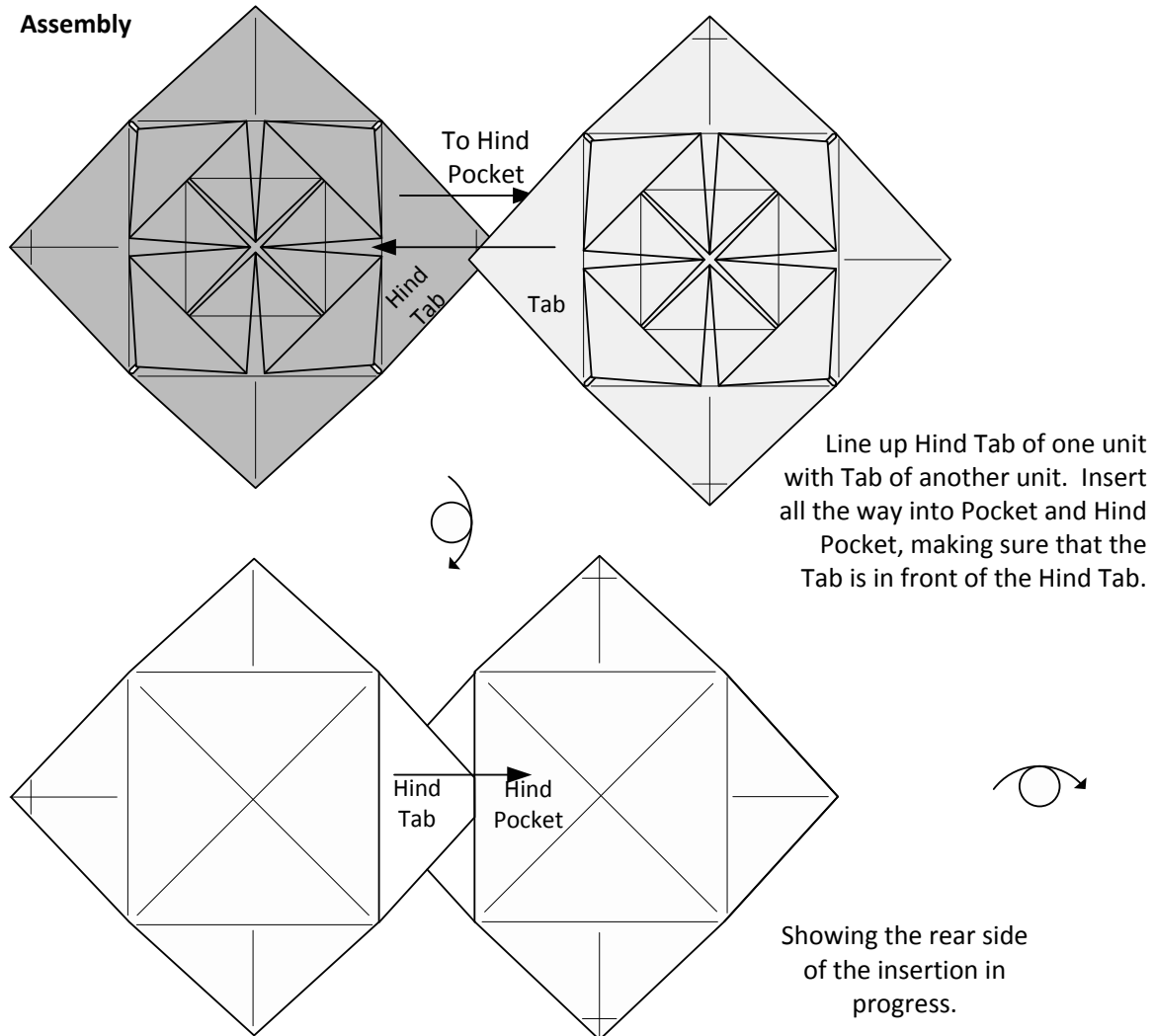
7. The flat result. Fold the four inside corners out.

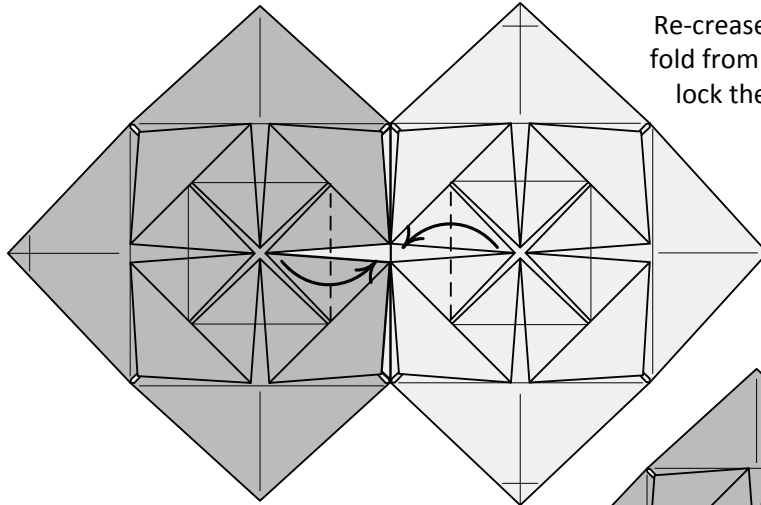


8. Fold the other set of four inner corners to edge (or less) and unfold.

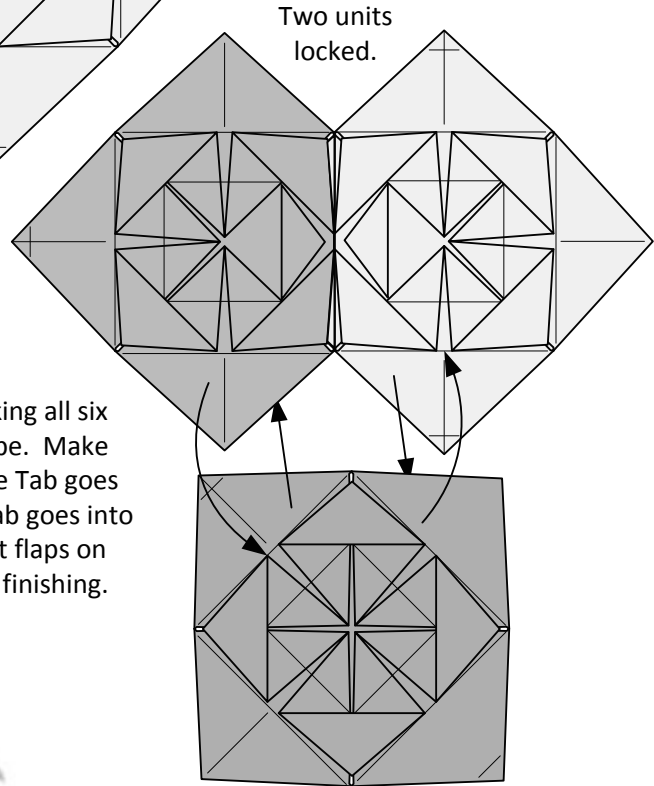
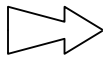


Assembly





Re-crease two of the valley fold from Step 9 to securely lock the units together.



Two units locked.

Continue joining and locking all six faces to complete the cube. Make sure that for each joint the Tab goes into Pocket and the Hind Tab goes into Hind Pocket. Curl all eight flaps on each face of the cube for finishing.



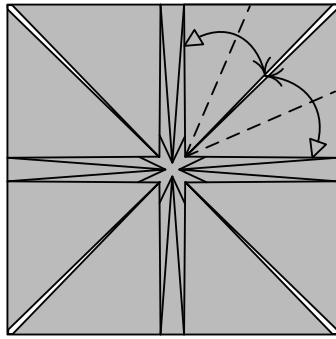
Decorative Cube

Note: Shown next are a few variations of the Decorative Cube. You are encouraged to try other Froebel type variations by applying them to Blintzed Windmill Bases and connecting them as explained here.

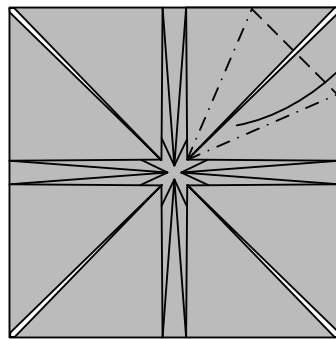
(Photo on back cover, third row, left).

Variation 1

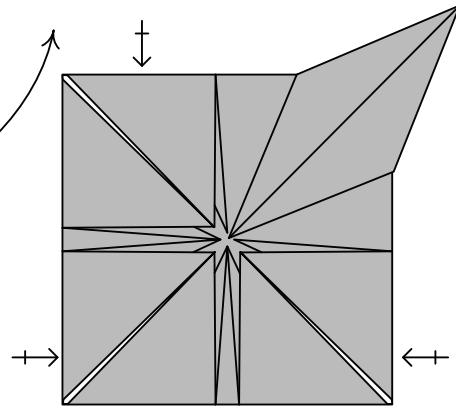
Start with Step 7 of Decorative Cube flattened completely.



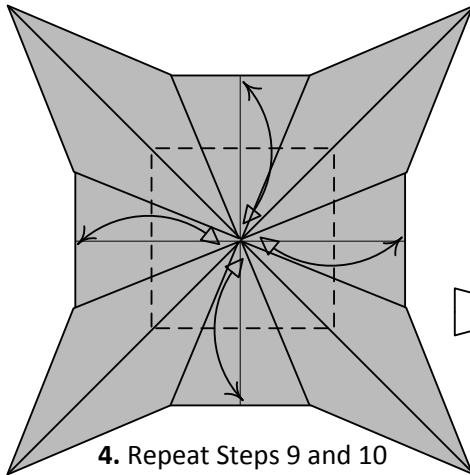
1. Fold the flap as shown and unfold.



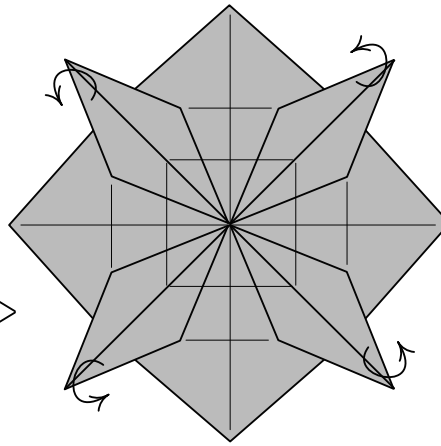
2. Petal fold the flap.



3. Repeat Steps 1 and 2 on the other three corners.

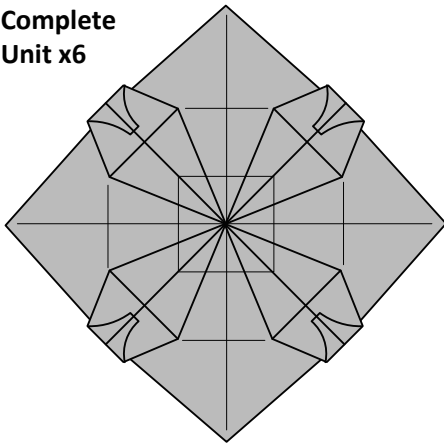


4. Repeat Steps 9 and 10 of Decorative Cube. You may create a smaller inner square if you wish.



5. Curl the four tips toward you.

Complete Unit x6



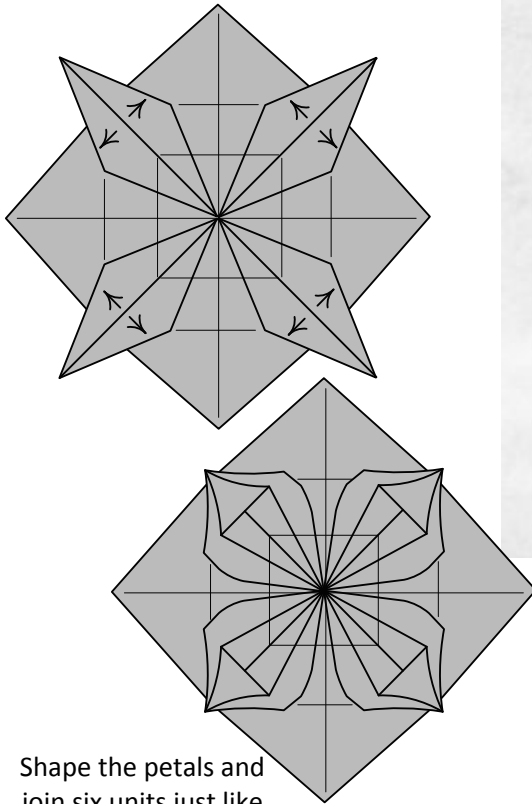
Join six units inserting and locking exactly like Decorative Cube.



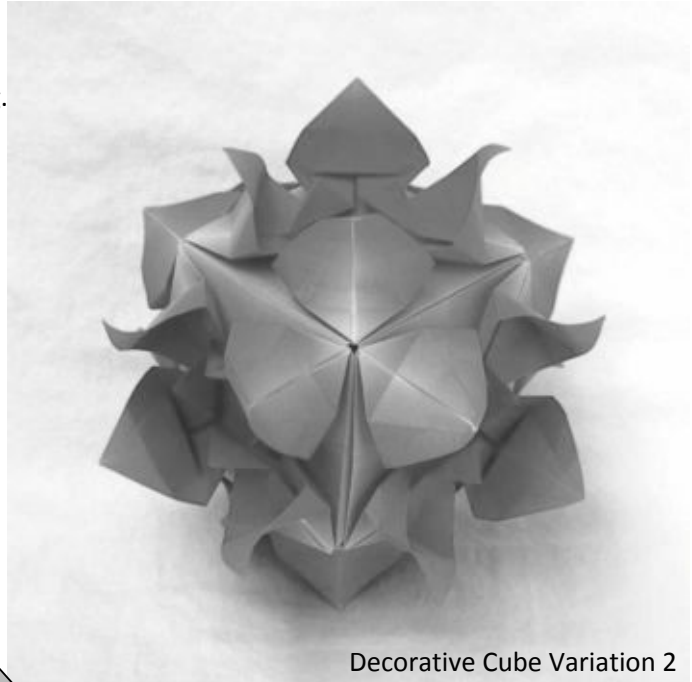
Decorative Cube Variation 1

Variation 2

Start with a completed Variation 1 unit and open up the petals instead of curling.



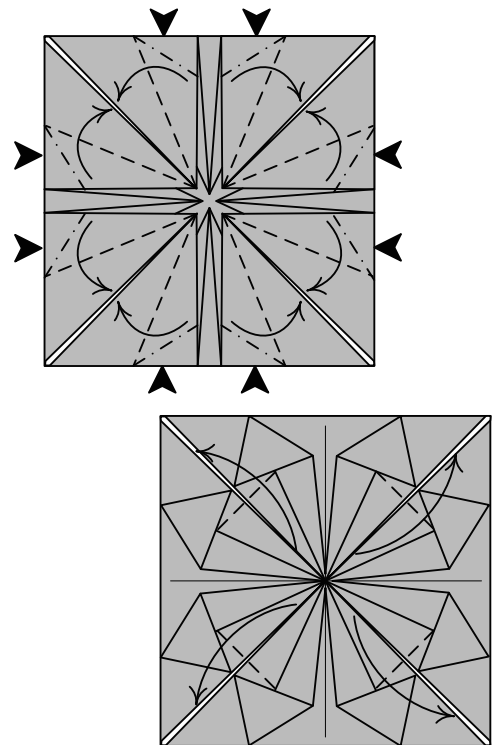
Shape the petals and join six units just like Decorative Cube.



Decorative Cube Variation 2

Variation 3

Start with Step 1 of Variation 1. Squash each of the eight flaps instead of petal folding.



Fold the central tips out and continue with Step 9 onwards of Decorative Cube.



Decorative Cube Variation 3