Make: technology on your time

Weekend Projects

Make a $3 Origami Flower

This weekend, make an origami flower that you can leave as an awesome tip at a restaurant!

The hardest parts for me were step 14 and 19, so I've put pictures here from the video that help make these steps make more sense! It took me a few tries to figure this out so if you're having trouble, don't give up!

Step 14: The trick here is keeping a trapezoidal shape at the front and making the rest of it into an accordion! Accordion bit shown here.

Step 19: Getting all three pieces fit together is tricky and then once you've got them there, it's tricky to know what to do. What worked for me was taking each petal and folding it over.

Once you're at that point, you're home free! Make sure to take pictures and upload them to the Craft: Flickr pool at http://www.flickr.com/groups/craft/pool. What follows is from Craft: Magazine Volume 5. Designed by Robert J. Lang and Diagrammed by Jeffrey Rutzky.

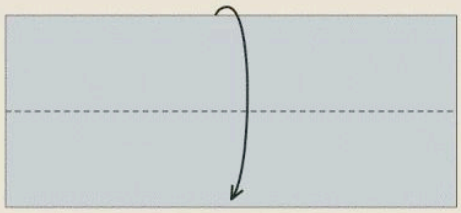
PAPERCRAFT

Three Dollar Flower, opus 488

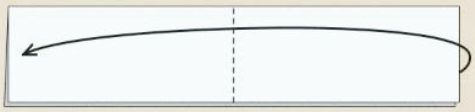
Designed by Robert J. Lang
Diagrammed by Jeffrey Rutzky

There's a distinct genre of origami that uses paper currency as the folding medium. Among other uses, moneyfolds make great tips at restaurants! But with the march of inflation, a tip of a single dollar is getting pretty chintzy. Here's a moneyfold that uses 3 dollar bills (and nothing else), which I composed as a tip at a local restaurant, Alamo Café.

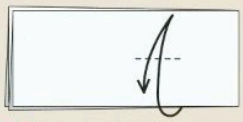
START »



1. Green (back) side up, valley-fold in half lengthwise. Crease sharply.

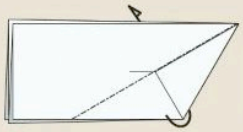


2. Valley-fold in half widthwise from right to left. Crease sharply.

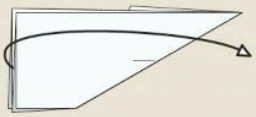


3. Valley-fold in half lengthwise, making a pinch mark about one-third in from the right edge.

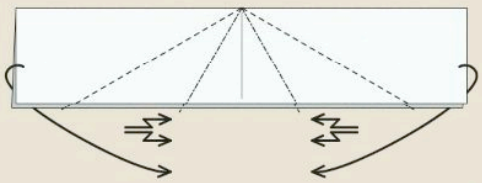
4. Valley-fold the lower-right corner point to the pinch mark, on the angle shown. Crease sharply.



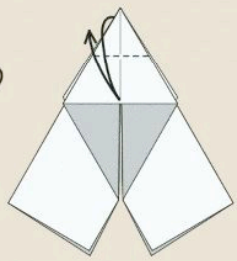
5. Mountain-fold the lower-right corner point along the angled edge made in Step 4, bisecting the upper-right corner. Crease sharply.



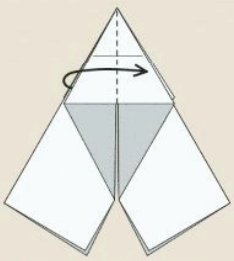
6. Unfold the top layers back to Step 2.



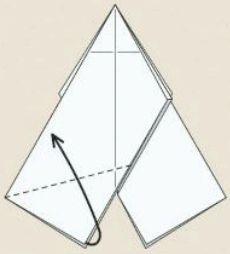
7. Pleat both layers by carefully reversing some of the existing folds made in Steps 4–5. Bring the left and right edges down to make the shape shown in Step 8. The front, back, left, and right sides should look symmetrical. Neaten all folds.



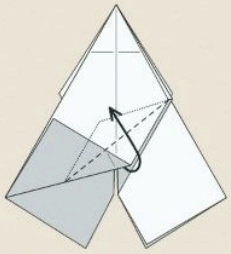
8. Valley-fold the top point down, in half, to the horizontal edge; crease very sharply. Unfold.



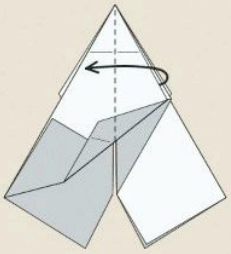
9. Book-fold the top layer from left to right.



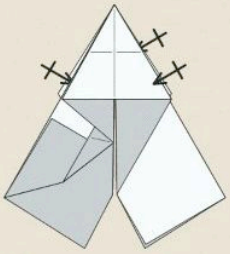
10. Valley-fold the top layer's bottom point up so that the lower sloping edge aligns with the upper sloping edge, bisecting the left corner.



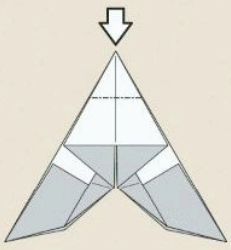
11. Valley-fold the top layer on the angle shown so the lower sloping edge becomes parallel to the left-hand sloping edge.



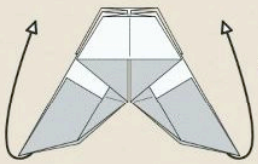
12. Book-fold the top layer from right to left.



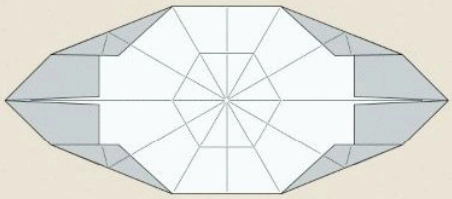
13. Repeat steps 10–11 on the right side. Turn over and repeat Steps 9–12 on the reverse side. The front, back, left, and right sides should look symmetrical. Neaten all folds.



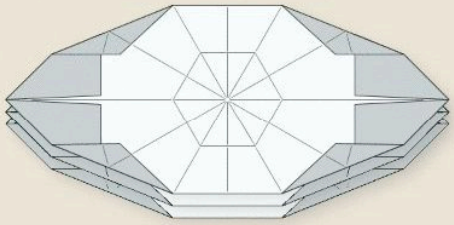
14. Open-sink the top point on the existing creases made in Step 8. Neaten all folds.



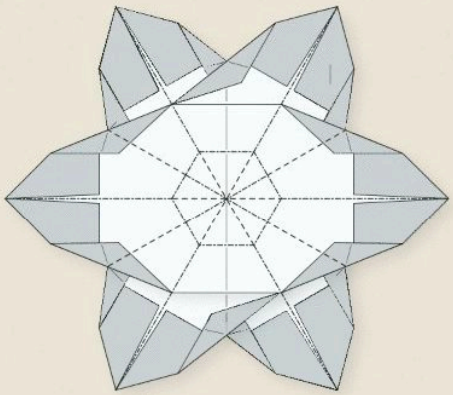
15. Unfold the sink made in Step 14.



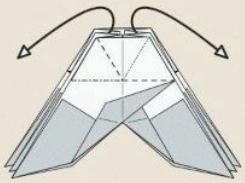
16. Flatten lightly as shown.



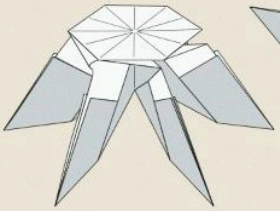
17. Repeat Steps 1–16 to make two more modules.



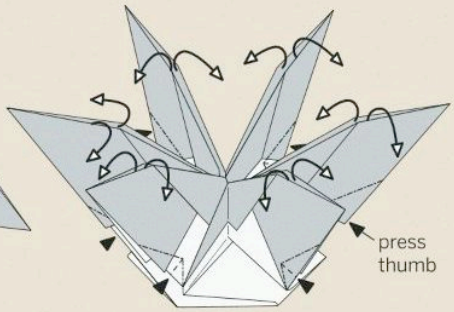
18. Align the three modules as shown, offsetting each by 120°. The folds will be aligned with one another. Refold the stack of layers, as if it were a single sheet, to the configuration of Step 15. Neaten all folds, then flatten firmly.



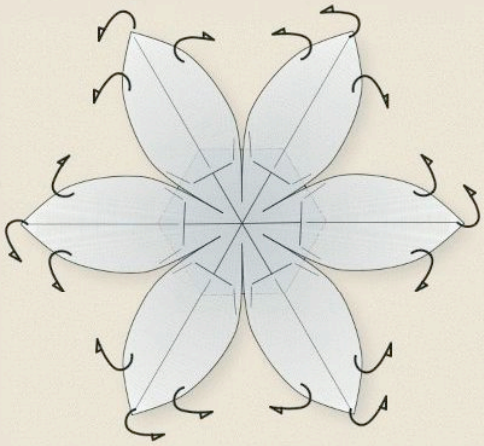
19. Open out top sink into a horizontal flat twist. Model will become 3D.



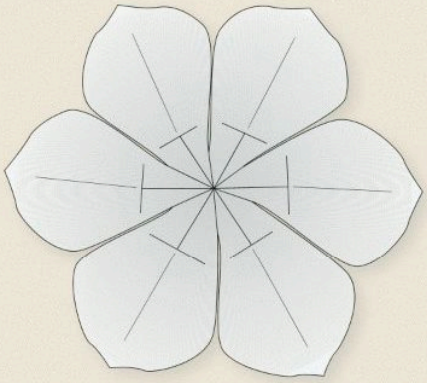
20. The result of top sink opened and flattened. Turn over.



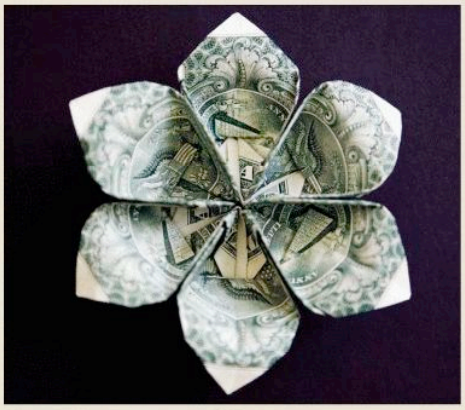
21. Insert your index finger between the layers of each petal, separating them while pressing your thumb against the lower side where shown. Then move your thumb to the bottom of the flattened sink and pinch your finger and thumb together to set.



22. Curl petals outward and roll tips down. A pencil may be helpful to curl each tip against, making a uniform curve.



23. The finished Three Dollar Flower, opus 488.



***Three Dollar Flower, opus 488*, top view.**

***Three Dollar Flower, opus 488*, bottom view.**

Ponoko

MAKE IT REAL

A creative place where you can make your ideas real ...

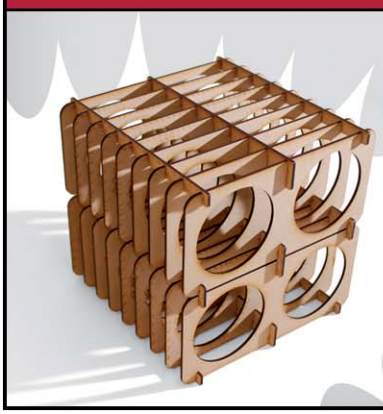
and sell them to the world.

Ponoko is a NEW way to make and sell products. Use it to make and promote your product ideas.

Ponoko brings together digital manufacturing technology + materials + your designs + your own showroom – all at the click of a mouse.

Free shipping!

If you're one of the first 10 Makeziners to make a product, you'll get shipping for free. Click here to get going ...



Test drive Ponoko today

Can't wait to get started? Then click to make this cool wine rack by Ponoko designer Dan Emery. The design files are yours to download for FREE. You just pay for materials, making and shipping costs ...

Check it out! www.ponoko.com