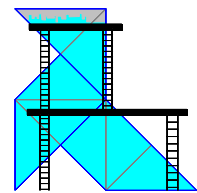


# Scaffold

Helping to support and maintain the world of origami



## Scaffold thanks you!

With this twelfth issue, SCAFFOLD has completed a full year of publication. I would like to thank all of the folders and designers who have enabled this project to succeed. I hope the new year will be even more successful, with plenty of entertaining new models for you to fold. Thank you, again.

### Submissions

This is the first issue I have put together where I did not have to resort to using any of my own creations to complete the issue. I think that is wonderful. Even more wonderful is the fact that I already have some submissions lined up for the next issue. This is because, you, the readers, have been getting into the spirit of Scaffold and have been sending in

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designs to share with the world. I am glad that this feat occurred during the first year of publication (barely), but I still need for you to hold up your end. Keep the designs coming.

Diagrams should be sent to me via e-mail at [scaffold1@aol.com](mailto:scaffold1@aol.com) (most formats are supported, but I request that formats that use the least memory be considered to prevent excessive file sizes at publication). Printed diagrams may also be sent, but they will take a little longer to get into an issue. Printed diagrams may be sent to:

Joshua Koppel  
PO Box 641374  
Chicago, Illinois 60664-1374  
USA

I hope to hear from more of you in the future.

### New Books

A trip to Boston allowed me to pay a visit to the Sausuga Bookstore where I was able to pick up the following new books (Except for PAPER CONCEPTIONS which was purchased from Kims Crane <http://www.kimscrane.com>). PAPER CONCEPTIONS by Ákos Horn and József Zsebe.

(English and Hungarian) (ISBN963-03-8435-3). See the review below.

ORIGAMI TANTEIDAN 7<sup>th</sup> CONVENTION (Japanese, some English, Some English and Italian)

ORIGAMI ANIMALS by Yoshihide Momotani and Eiki Momotani (Japanese) (ISBN 4-416-30100-6)

ORIGAMI DINOSAURS 2 by Fumiaki Kawahata (Japanese) (ISBN 4-416-30107-3)

Spirals by Tomoko Fuse (Japanese) (ISBN 4-480-87262-0)

### Paper Conceptions

Thanks to the Internet, I often find myself very familiar with the cover of a book, but completely in the dark as to its contents. One such book was PAPER CONCEPTIONS by ÁkosHorn and József Zsebe. I had always been impressed by the cover, but it was not until I saw a copy on E-Bay that I had any idea what could be found between its covers. A seller on E-Bay had scanned about a dozen pages for his auction. I saw beautiful photos and apparently clear diagrams. A quick trip to Kim's Crane

(<http://www.kimscrane.com>) and a copy was on order. Two days later I had it in hand.

PAPER CONCEPTIONS contains beautiful color plates showing the finished models, and often, their real-life counterparts. Clear and uncluttered diagrams lead the folder through twenty (20) different models. Beginning with a simple mouse and rooster, the folder will be quickly drawn into the other beautiful models including a lidded box and animals such as bear, giraffe, bison, eagle, swan, pelican, beetle, dragon, owl and others. There is also a flower, complete with pot, stem and leaf and a marvelous face (as seen on the cover).

These models have a very complex look to them, but that is misleading. These models are not complex, just very artistic. The most complex is the Ostrich which only has twenty-seven steps. Most of the models are just over a dozen steps. The authors have designed models that evoke the pure essence of the figure without getting caught up in ultra-complex folding. These designs are, in my opinion, on a par with many of the works of Akira Yoshizawa, Michael LaFosse, David Brill or Lionel Albertino.

PAPER CONCEPTIONS can be found at online origami sources and sells for about \$12.95 US (ISBN 963-03-8435-3). The volume is laid out in both English and Hungarian, but with the clarity of the diagrams, neither is really necessary. This is a beautiful and fun book. I recommend it highly and also recommend that people

snap it up before it goes out of print.

## Origami in Chicago

CHAOS, the Chicago Area Origami Society, meets every month on the second Saturday of the month. Meetings are held at the Garfield Park Conservatory located at 100 N. Central Park Ave. The meetings run from 1:00 PM until 4:00 PM and are open to the public.

The next several meetings will be held on:

January 12, 2002

February 9, 2002

March 9, 2002

If you are ever in the Chicago area on these dates, please drop by.

Last month we managed to fuel the interests of a number of new folders. We hope they will return at future meetings. Many wonderful things were folded and beautiful books were displayed. Member Caroline Dombrowski taught a wonderful seven-point star from an old British Origami Society magazine. As was usual, the three hours flew by far too quickly. We now look forward to next month.

## The Models

Modular stars, fantastic flying craft, mythological beasts and an adorable fox make up this month's selection of models.

60 Degree Star 2

This is another beautiful modular star by David Petty. Mr petty shows how to make the star as well as a number of variations. For more of Mr. Petty's stars, see Scaffold Volume 1, Issue 11.

Jet-Propelled Hovercraft

Fans of high-speed craft will delight in this Hovercraft by Jim Adams. Although easy to fold, one almost expects it to take off from the table when completed.

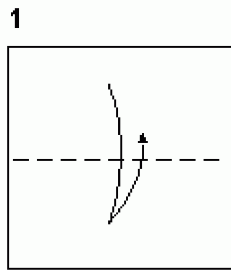
Flying Dragon

The Dragon is a very popular subject in origami. Jim Adams has created quite a few. This is his Flying Dragon. Other dragons by Mr. Adams will appear in future issues.

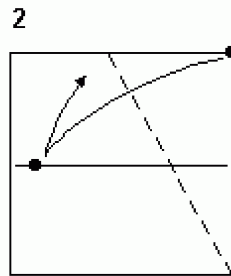
Fox

This Fox by Mark Leonard is really quite cute and makes wonderful use of two-colored paper. This model is quite easy to fold and has spectacular results.

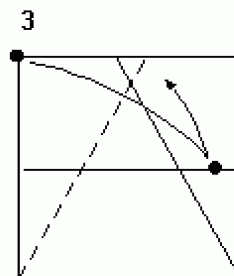
# 60 DEGREE STAR 2



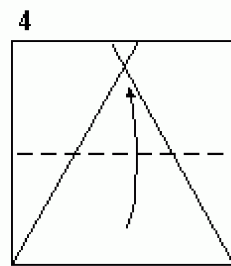
crease centreline



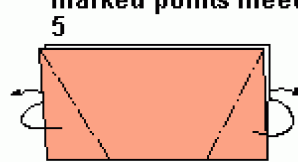
fold and return, marked points meet



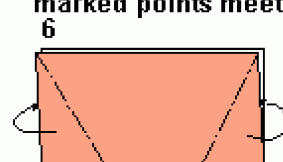
fold and return, marked points meet



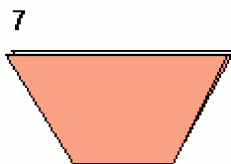
fold on centreline



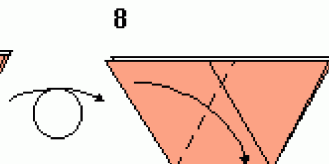
fold and return on existing creases



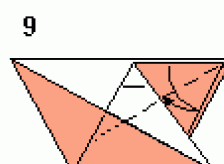
inside reverse fold



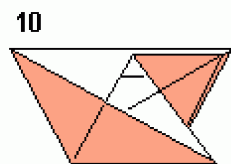
result, turn over



fold using existing crease



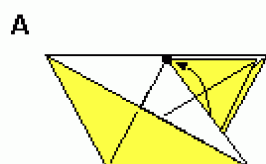
fold to outer edge and return



unit complete, make 6

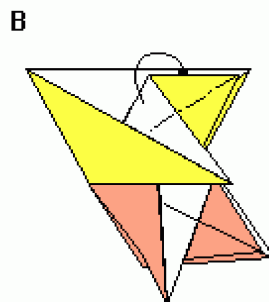
unit is same as 60 degree Star 1, difference is in assembly

## Assembly

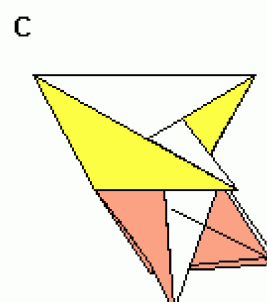


flap on right unit goes behind flap on left unit

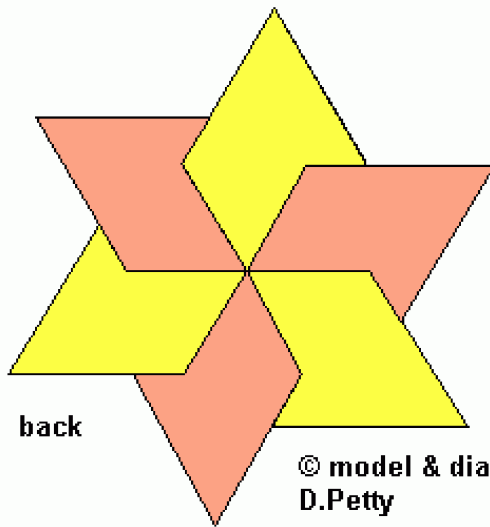
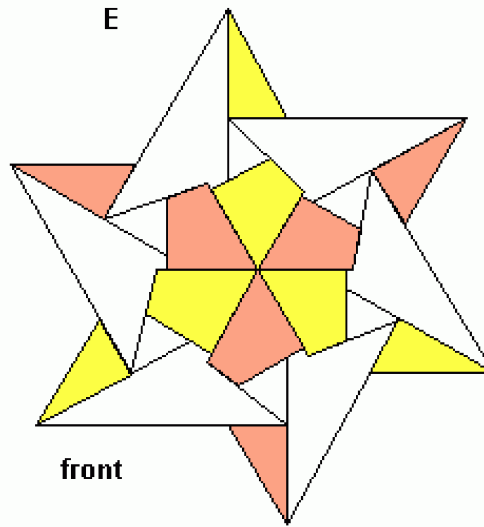
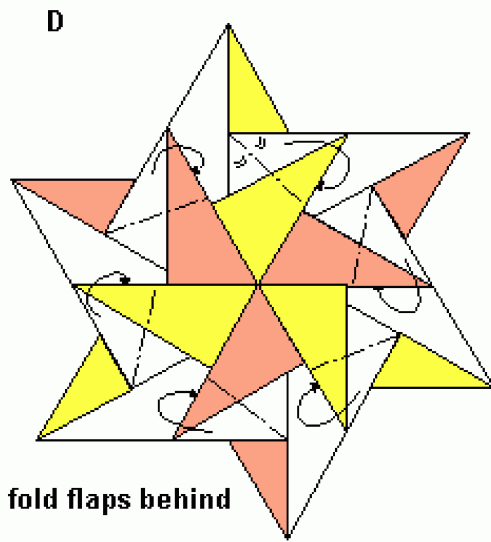
marked points meet



fold flap behind inner layers using existing creases



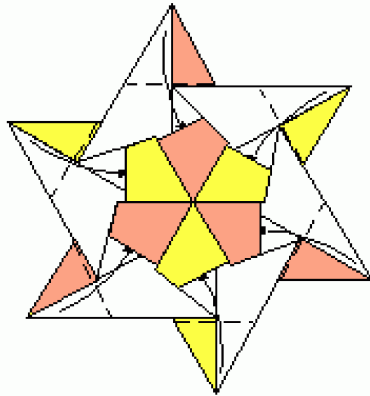
two units joined, all 6 join similarly



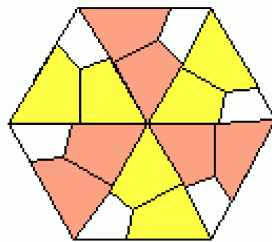
© model & diagrams  
D.Petty

## 60 DEGREE STAR VARIATIONS

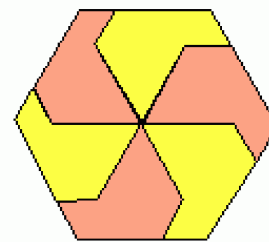
### 60 DEGREE STAR 2



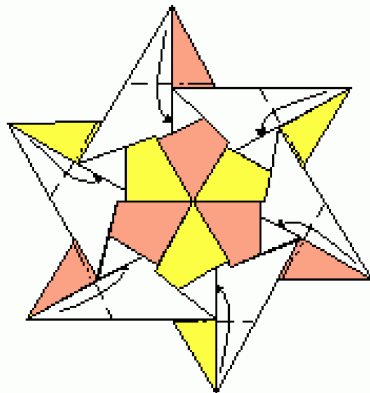
tuck tips under centre



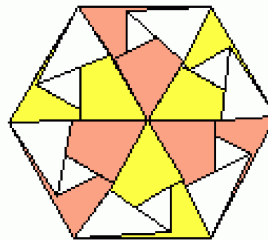
front



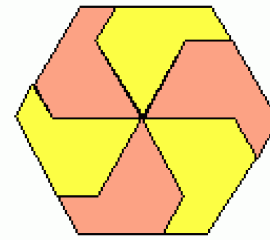
back



inside reverse fold tips under  
white triangles

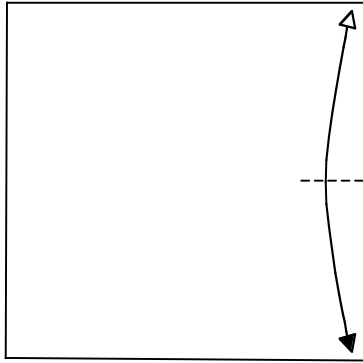


front

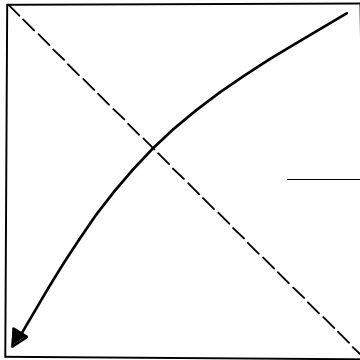


back

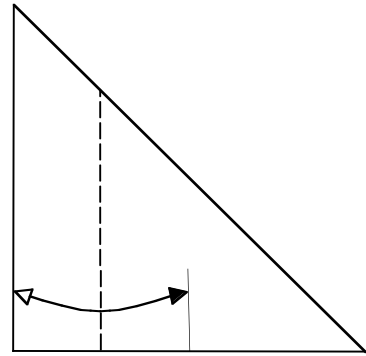
© models & diagrams  
D.Petty



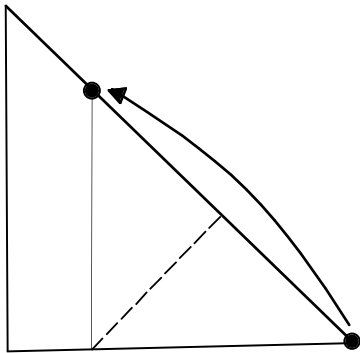
1. White side up.



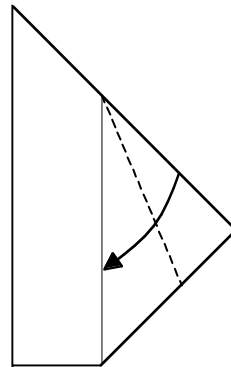
2.



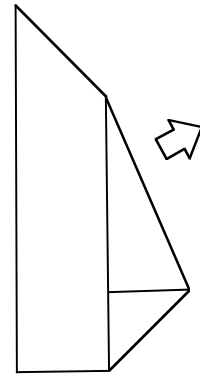
3. Crease all layers.



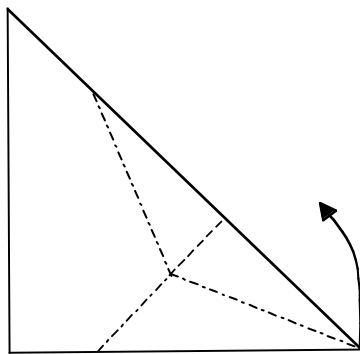
4.



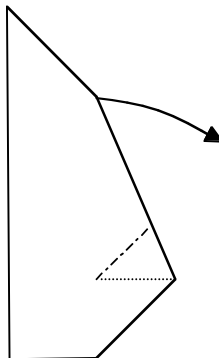
5.



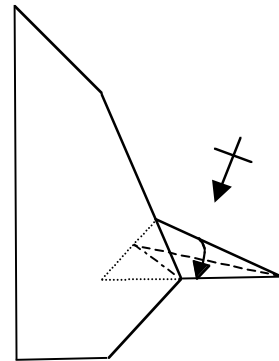
6. Unfold to step 4.



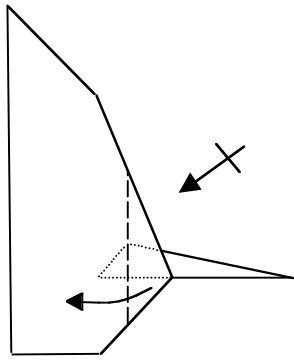
7. Double rabbit ear.



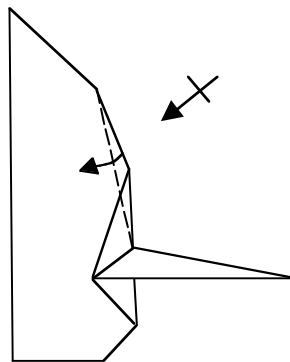
8. Inside reverse fold.



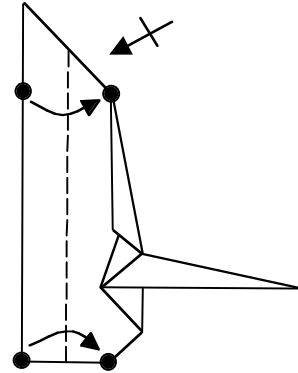
9. Inside reverse fold.



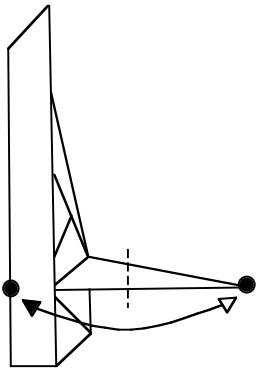
10. Fold flap as far as it will go.



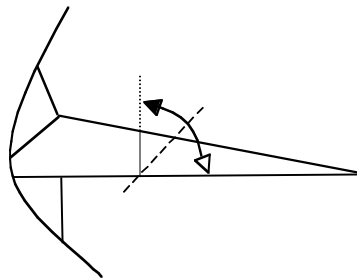
11.



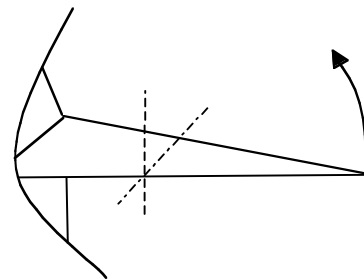
12. Outside reverse fold.



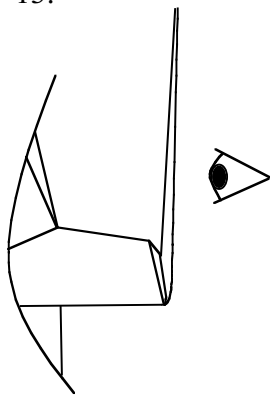
13.



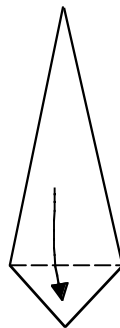
14.



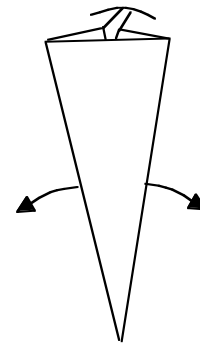
15. Crimp into a 3-D shape.  
See steps 16 and 17.



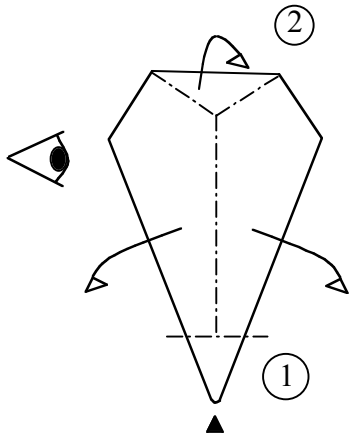
16. Note change of view in  
step 17.



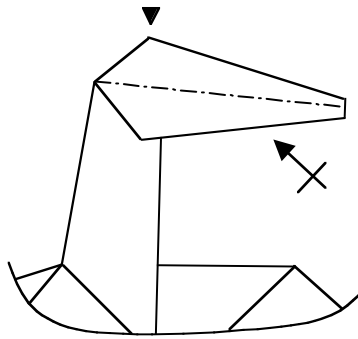
17. Just top flap shown.



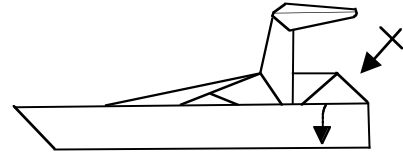
18. Release top layer of  
trapped paper.



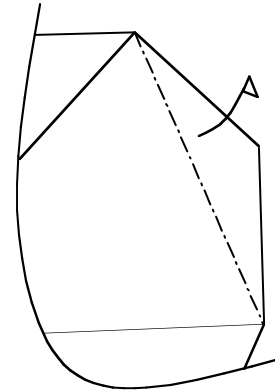
19. Sink tip then fold flap in half while opening front. Note change of view in step 20.



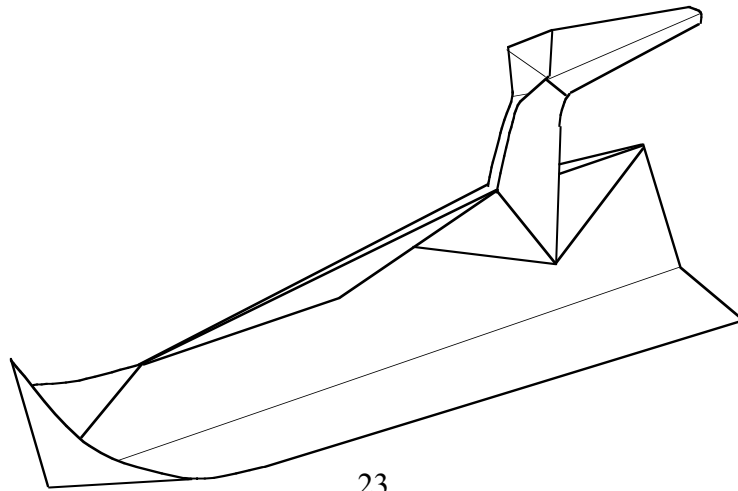
20. Round flap into a cylindrical shape.



21. Fold flaps down. Object is now fully 3-D.

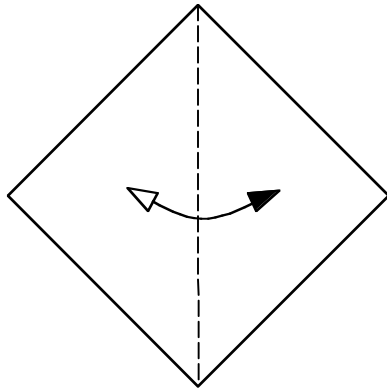


22. Fold all layers together to lock back.

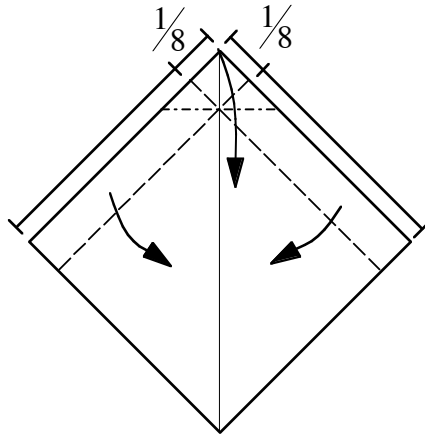


23.

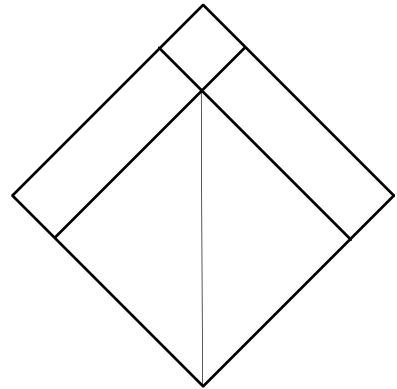




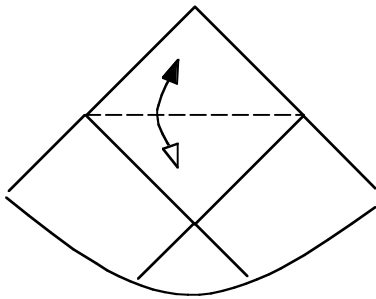
1. White side up.



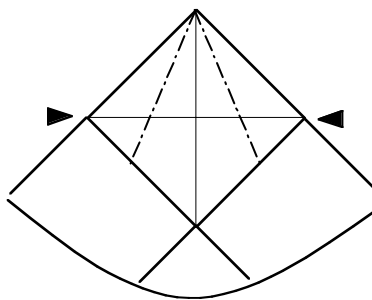
2. Form a preliminary base at the top corner.



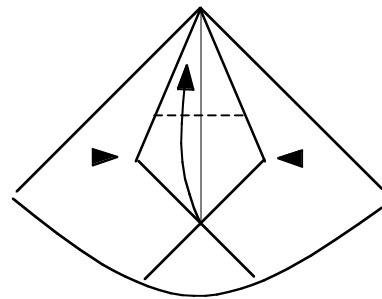
3.



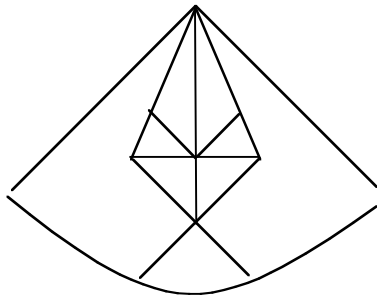
4.



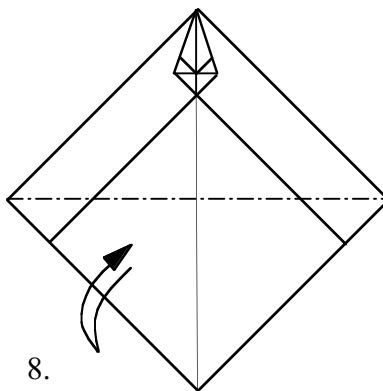
5. Inside reverse fold, as if making a frog base.



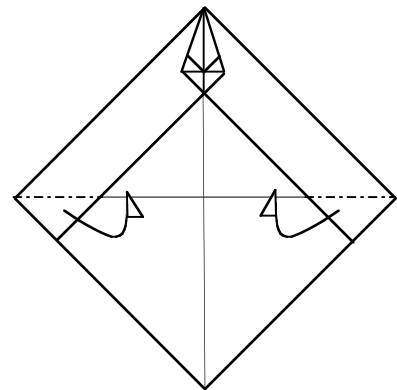
6. Petal fold.



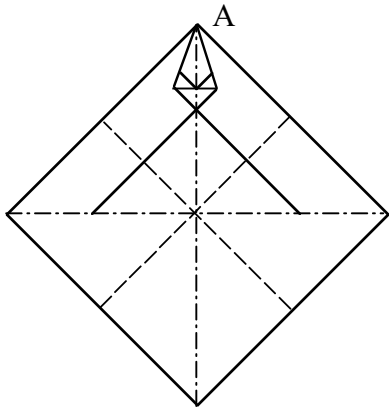
7.



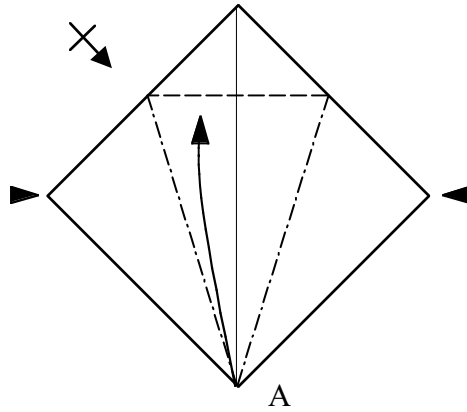
8.



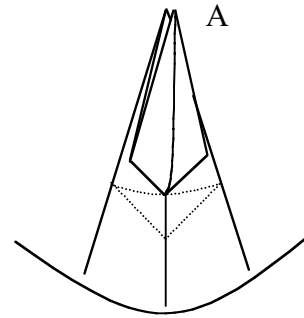
9. Fold flaps underneath.



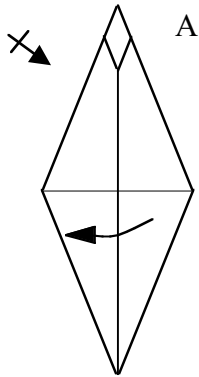
10. Fold preliminary base.



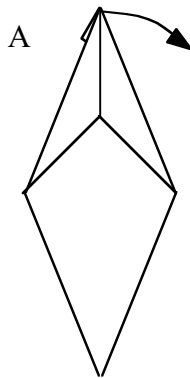
11. Point A is in front. Fold a bird base. Step 12 shows how the paper is layered around point A.



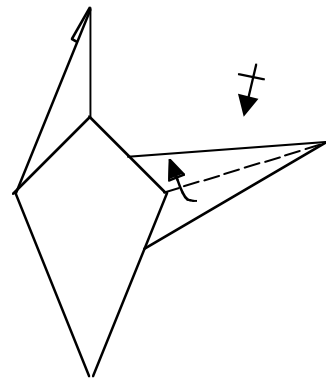
12.



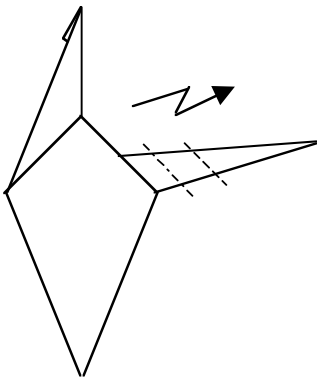
13. Minor miracle, i.e. fold over one flap on the right to the left. Repeat behind.



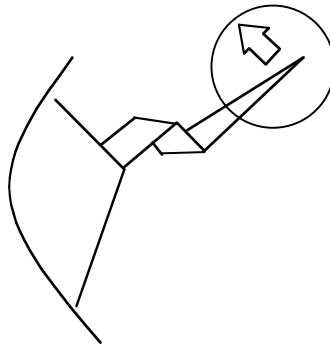
14. Slide right flap down. See step 15 for new position.



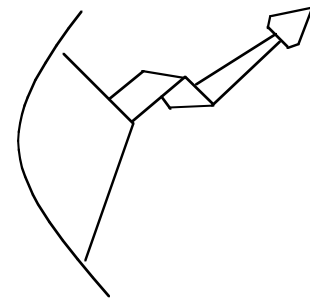
15. Inside reverse fold. Repeat behind.



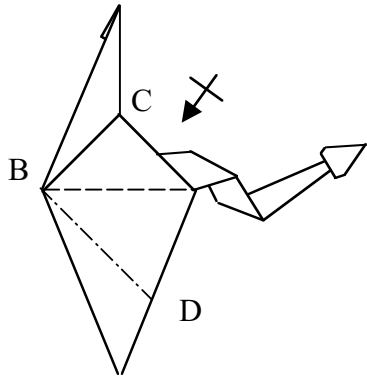
16. Crimp fold tail.



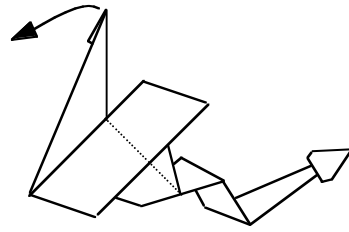
17. Open out paper and press flat.



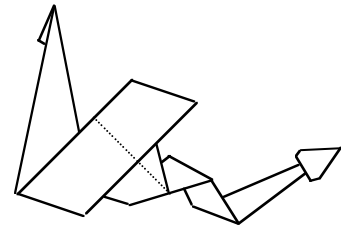
18.



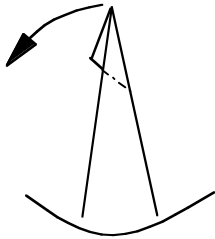
19. Fold and open up wing, aligning crease BD with edge BC.



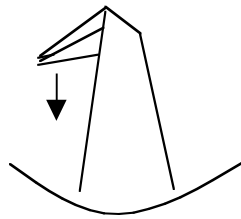
20. Slide neck a small amount. See step 21.



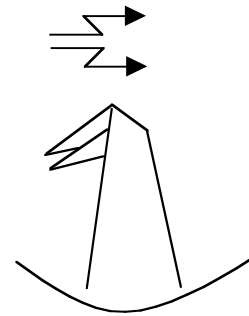
21.



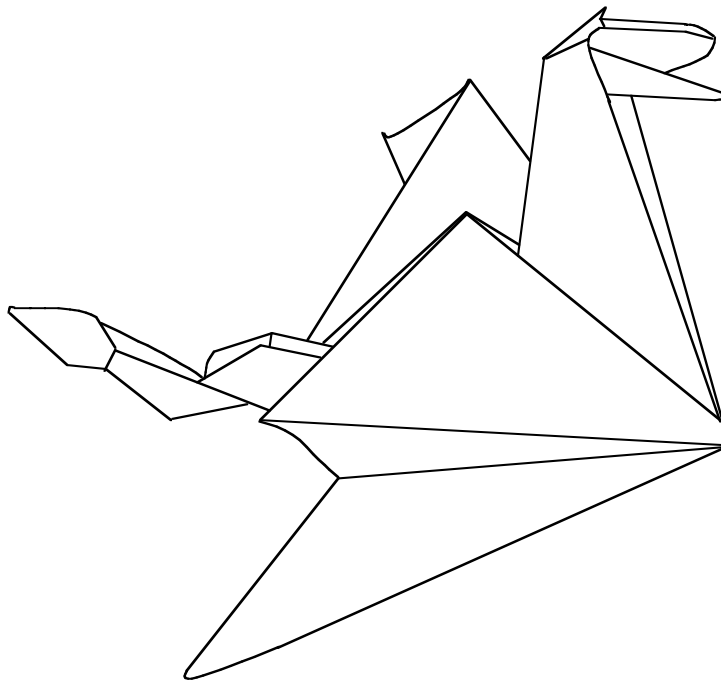
22. Inside reverse fold.



23. Open mouth a little.



24. Crimp head to suggest ears. See step 25.



25.

# Fox

by Mark Leonard

