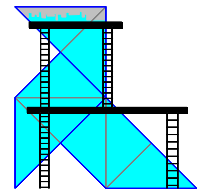


Scaffold

Helping to support and maintain the world of origami



Cranes for Peace

In the wake of the events of September 11, 2001, the world-wide origami community began a number of projects involving folding cranes. Legend has it that if a person can fold one-thousand cranes and keep one wish in mind, that wish will come true. The legend is most commonly known in connection with Sadako, a young survivor of the Hiroshima bombing. She tried to fold a thousand cranes while wishing for world peace. She died before completing her project, but the crane has since been seen as a symbol of peace around the world. It is nice to see that there are some things in life that completely ignore borders and differences of race, politics, religion, geography and beliefs.

There are too many crane projects for me to list here, but many can be found online. One of these projects involves folding cranes from the paper debris that was scattered across lower Manhattan when the

World Trade Center towers crumbled. I know that simply folding a crane will not bring peace to the world, but it will help spread the idea of peace. If that idea is spread in enough forms and numbers, then maybe peace will come.

Diagrams

Submissions are still trickling in, but not in the numbers that one would expect. Scaffold is read in nearly thirty countries on six continents and its readership grows each month. Scaffold will publish any diagrams that are sent in, provided they are accompanied by a Statement of Permission.

I prefer that diagrams be submitted in an electronic format (the generic drawing format DXF is probably best for file size, but I can handle most formats) but paper diagrams are also ok (they just might take a little longer to be included in an issue). Electronic diagrams can be sent to scaffold1@aol.com while paper diagrams may be sent to: Joshua Koppel
P.O. Box 641374
Chicago, Illinois 60664-1374
USA

New Books

A visit to the websites of Kim's Crane (www.kimscrane.com) and Origami USA (www.origami-usa.org) turned

up a few books I needed for my collection.

A ARTE DOS MESTRES DE ORIGAMI by Mari Kanegae (Portuguese) (ISBN85-86822-01-9)
FANTASIAS DE PAPEL by Julian Gonzalez (Spanish) (ISBN84-89840-22-9)

KUSUDAMAS by Everdien Tiggelaar (Spanish) (ISBN84-7210-464-8)

ORIGAMI WITHOUT BORDERS by Peter Budai (Hungarian & English) (ISBN3-00-006233-5)

BOXES FROM ONE PIECE by Tomoko Fuse (Japanese) (ISBN4-480-87203-5)

PAPIROFLEXIA by Luis Bas Arrachea y Felipe Moreno Salinas (Spanish)

ORIGAMI PROJECTS by Mark Bolitho (English)

Book Review

A ARTE DOS MESTRES DE ORIGAMI edited by Mari Kanegae is an attempt to bring the world of origami to Brazilians and it does it quite well.

This large volume contains models from master folders in nine different countries. The majority are from Japan, but artists are also represented from Belgium, Brazil, Singapore, Spain, United States, Hungary, England, and Italy. Because so many artists are represented, some of the models have appeared in other volumes. But many were unfamiliar to me.

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While this book is in Portuguese attempts have been made to give the book more international appeal. One of the book's introductions is in three languages and the diagrams are mostly free of any text.

A photo gallery in the beginning shows good and clear pictures of all the models. The models cover the range from objects to animals, compound origami to modulars, vehicles to geometrics, and from the functional to the religious. There is a little something for everyone.

This book is attractive and well constructed and its only drawback is the price. Current exchange rates made this volume more expensive than I would normally think. I found my copy at Kim's Crane (www.kimscrane.com) but it is probably available elsewhere. This book is published by Alianca Cultural Brasil-Japao (ISBN 85-86822-01-9)

CHAOS in Chicago

The Chicago Area Origami Society meets on the second Saturday of every month. Meetings are located at the Garfield Park Conservatory located at 100 N. Central Park Avenue, and run from 1:00 PM until 4:00 PM. The meetings are open to all who are interested, so if you are in Chicago, stop on in. The next several meetings will be:

October 13, 2001

November 10, 2001

December 8, 2001

Diagraming Part II

In part two of this series, I would like to talk about another method of diagraming a model without going through the laborious process of step-by-step diagrams. This method is often referred to as Crease Fold Diagrams.

The idea behind Crease Fold Diagrams is that when a model is unfolded, there is a map of creases on the paper that can lead a folder back to the completed model. It is up the folder to determine the sequence in which to make the folds, but all of the folds are represented.

To create a Crease Fold Diagram, first fold the model you want a diagram for. Then unfold the model. You should now have a sheet of paper covered with mountain and valley folds. Use two different pens to mark the mountains and valleys or mark them with two different styles of lines. You now have a Crease Fold Diagram. Now all you have to do is choose a way to reproduce the diagram.

You can try and draw an image of the diagram, use a copier (if the lines are of different styles), a color copier (if the lines are in different colors), use an opaque projector, or even scan the diagram. One nice feature of a diagram that uses two different styles of line is that it can easily be sent to a friend as a fax.

For an example of a Crease Fold Diagram, see the Hyena model by Jake Crowley in this issue.

The Models

At the start of September, I received a couple of submissions from Michael Miller and Jake Crowley. To these

models I have added my World Trade Center.

Samurai Helmet

This new addition to a Samurai's wardrobe was sent in by Michael Miller. Mr. Miller has previously contributed his Female Peacock and Terrier (they can be found in issue 4 at <http://chocolate.custard.org/origami/>).

Hyena

This Hyena is presented as a crease-fold diagram. The model was created and sent in by Jake Crowley. To see a photograph of the finished model, check out the website at <http://home.earthlink.net/~jakecrowley> -or for a more direct link- <http://home.earthlink.net/~jakecrowley/origami/Animals/Animals1.htm>

World Trade Center

I was working on a New York City skyline when world events prompted me to change to model into the one included here. It is only the second model that I have designed as a tribute.

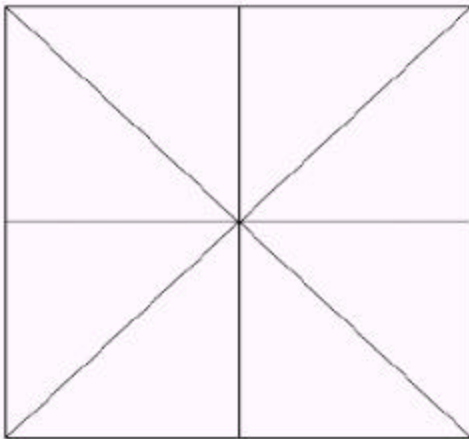
Pelican

Playing with the idea of thirds resulted in a number of new models. This pelican was one of the first of these models.

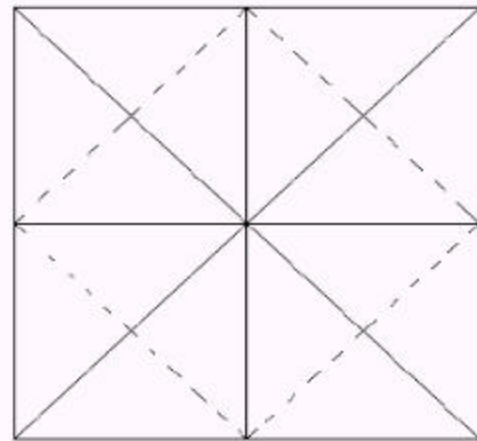
Samurai Helmet

By Michael Miller

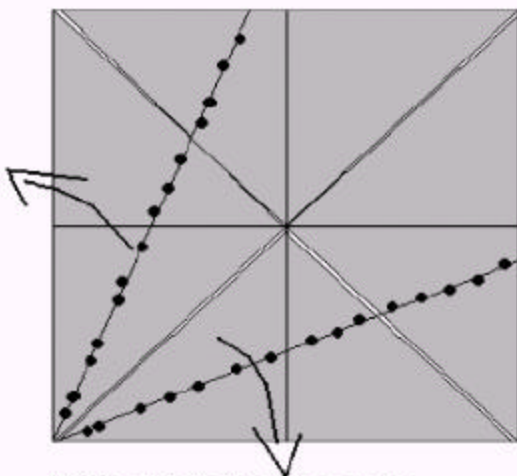
©2001 Model and Diagrams by Michael Miller



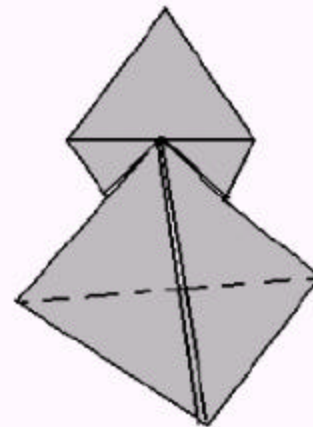
1) Precrease with all valleys. Color side up.



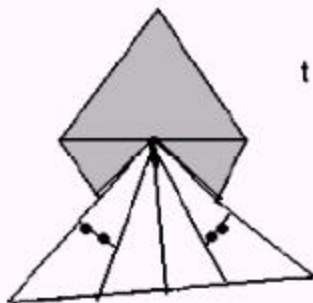
2) Valley fold all four corners to the middle.



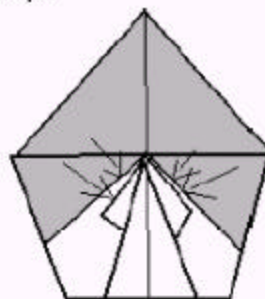
3) Mountain fold the angle bisectors while swinging the flaps out. Turn over.



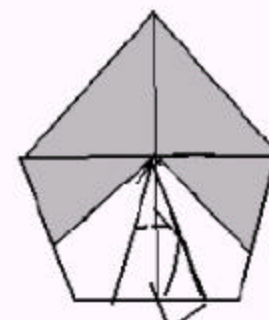
4) It should resemble something like this. Valley fold the bottom up.



5) Reverse fold the angle bisectors.



6) Reverse fold the four flaps.

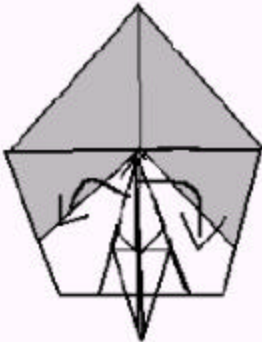


7) Fold the top flap as far as it will go.

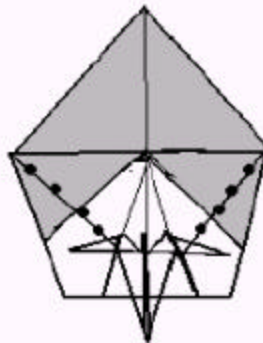
Samurai Helmet

By Michael Miller

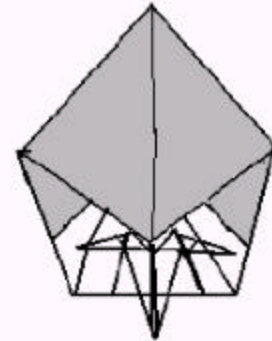
©2001 Model and Diagrams by Michael Miller



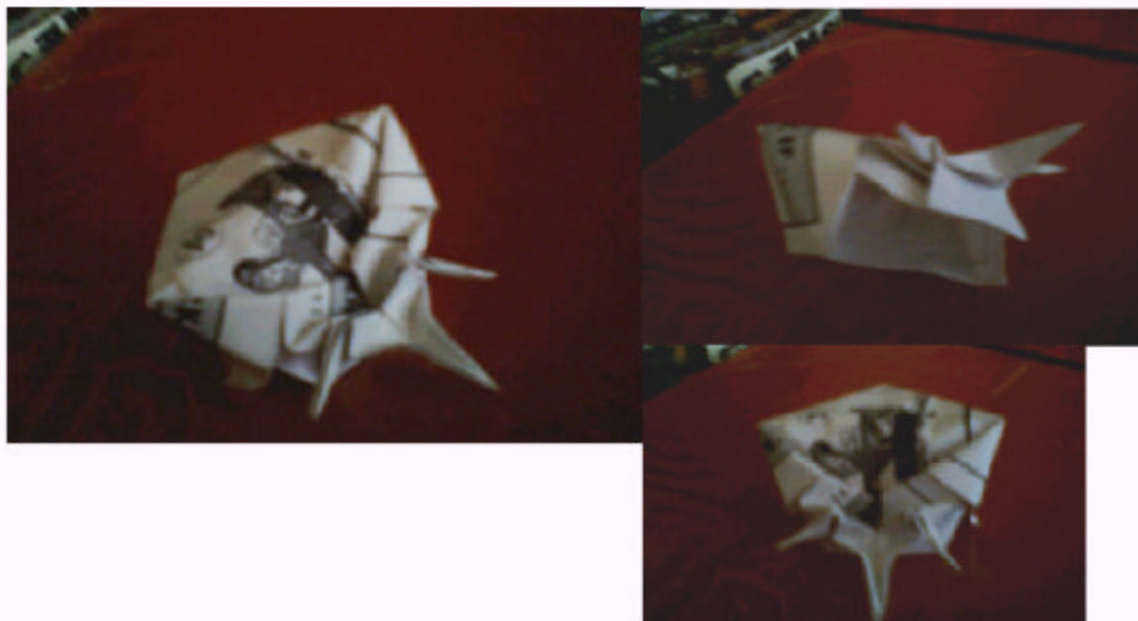
8) Reverse fold the two points.



9) Mountain fold flaps inside to lock.



10) Pinch the three points and open out behind to look like picture.

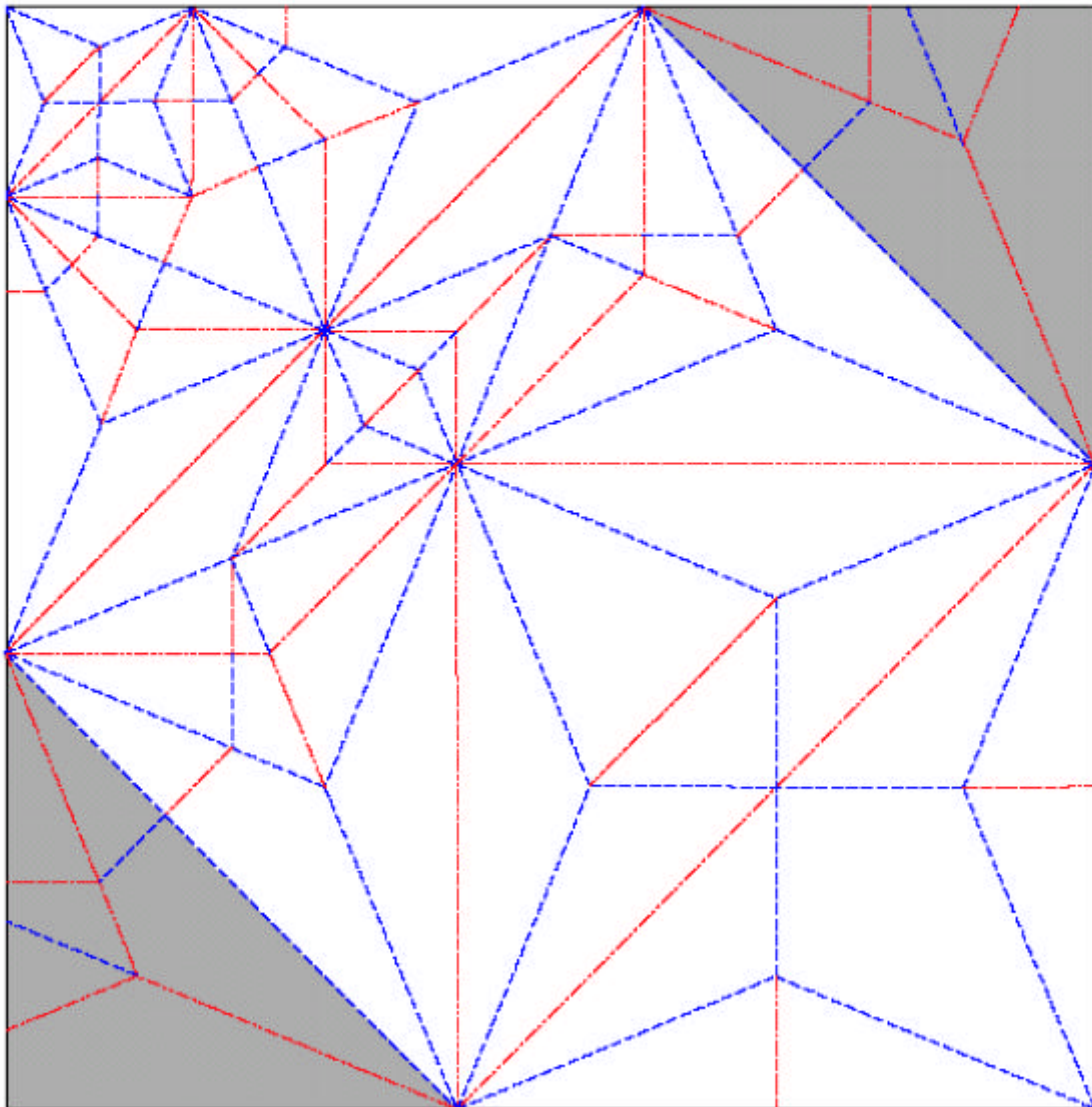


Hyena (crease pattern)

© Jake Crowley - 2001

This is the crease pattern for my Hyena model. It is a fairly simple pattern, if you have folded any CP's before you should have no troubles with this one. After you collapse this you will still have some work to do, mainly forming the arch in the Hyena's back.

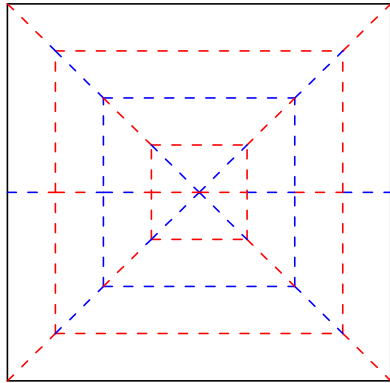
After the collapse you will have 3 points which will form the head, 4 leg flaps, and the tail (which you will need to shorten a bit).



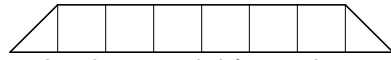
World Trade Center Towers by Joshua Koppel

This model is dedicated to all those who lost their lives or a loved one during the atrocities of Sept. 11, 2001

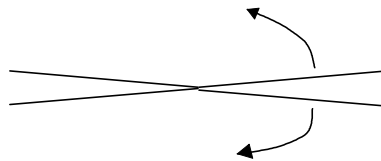
Begin with a square with the desired sideup.



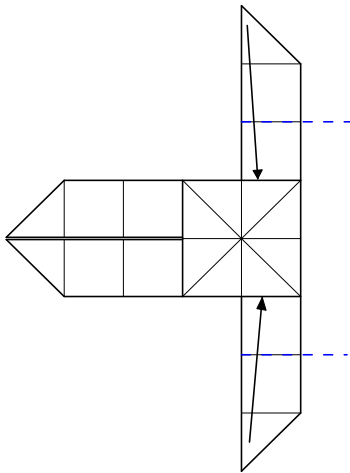
1. Collapse along the lines.



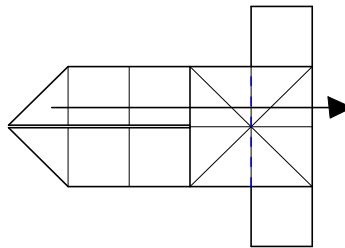
2. Look at model from above so that it looks like...



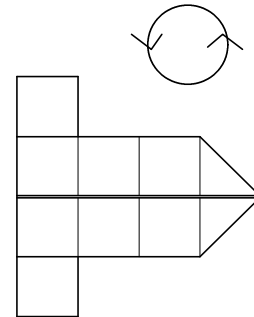
3. ...this. Flatten out so that it looks like...



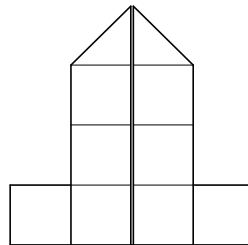
4. ...this. Tuck points into pockets.



5. Fold over.



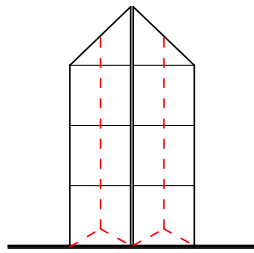
6. Rotate upright...



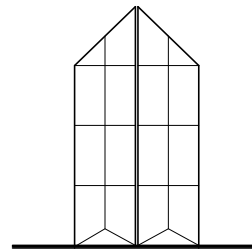
7. ...like this.

World Trade Center Towers by Joshua Koppel

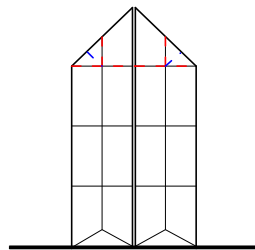
This model is dedicated to all those who lost their lives or a loved one during the atrocities of Sept. 11, 2001



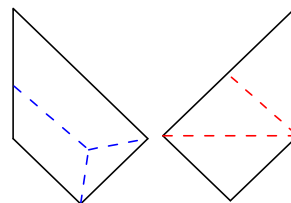
8. Pinch the towers and unpinch.



9. Like so.

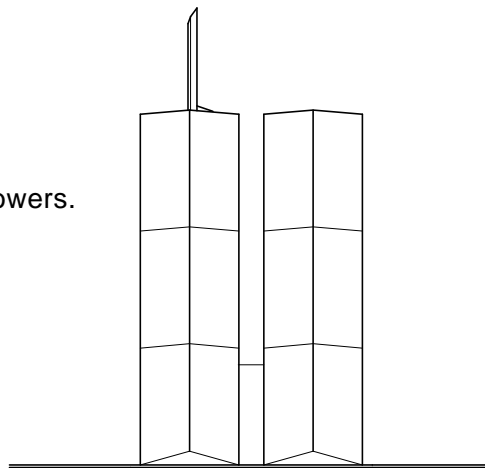


10. Fold the tops and make 3D.



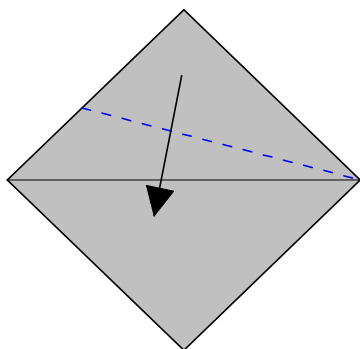
11. Look at the tops and fold as shown. The left on to make a spike and the right one tucks under.

The completed Towers.

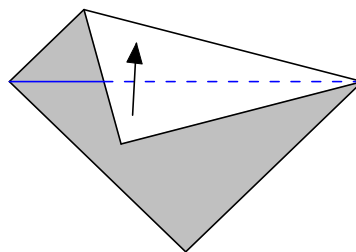


Pelican by Joshua Koppel

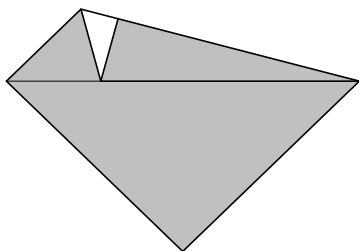
Begin with a square with the desired side up.



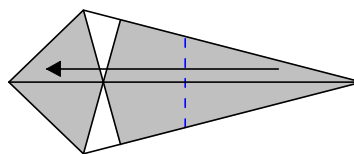
1. Fold 2/3 over.



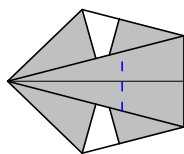
2. Fold edge to edge.



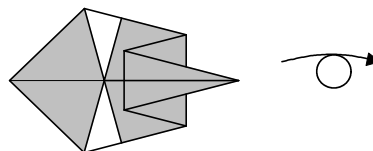
3. Repeat steps 1 and 2 on other side.



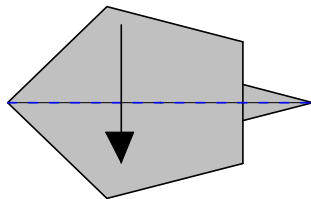
4. Fold the one point to the other.



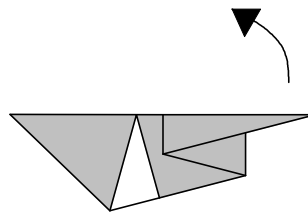
5. Fold point over.



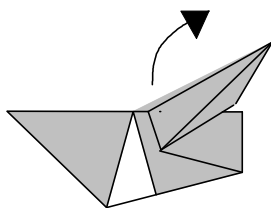
6. Turn over.

Pelican by Joshua Koppel Diagramed 12/15/2000

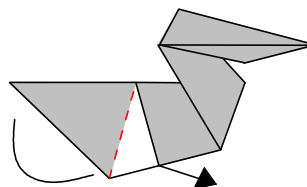
7. Fold in half.



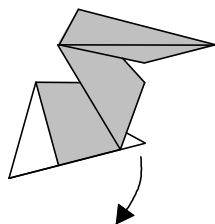
8. Pull point up and pop out inner layer.



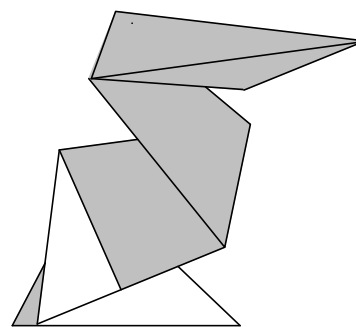
9. Pull neck up.



10. Inside-reverse tail.



11. Pull feet down.



12. The completed Pelican.