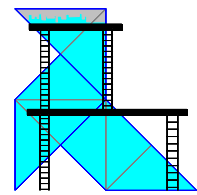


# Scaffold

Helping to support and maintain the world of origami



## Cootie-Catcher catches self

Hello, everyone, and welcome to the latest issue of Scaffold. In this issue we attempt to answer the ancient question, "What happens when a Cootie Catcher catches itself?" The answer may surprise you.

### Origami Wreaths

I was sent a copy of David Petty's *ORIGAMI WREATHS AND RINGS* (ISBN 0-9627254-1-2) by Laura Lee Hayes of Zenagraph (designers of fine origami paper and the book's publisher). I had already purchased a copy for my collection just before I started putting the first issue of Scaffold together. The fact that I bought it says that I like it.

This book focuses on

#### CONTENTS

<i>Origami Wreaths</i> .....	1
<i>Subscriptions</i> .....	1
<i>Folding in Chicago</i> .....	1
<i>Submissions</i> .....	2
<i>Back Issues</i> .....	2
<i>New Books</i> .....	2
<i>Krazy Origami</i> .....	2
<i>The Models</i> .....	2
<i>Release Form</i> .....	3
<i>Cootie Catcher Accident</i> .....	4
<i>Female Peacock</i> .....	6
<i>Fox Terrier</i> .....	8
<i>Papa Papillon</i> .....	9
<i>Goose</i> .....	11

modular origami fastened into rings and a few stars. Most of these modules are very simple to fold with only a handful of steps. The models are clustered into themes like Celtic Brooches, Star Garlands and Crane Wreaths. The crane wreaths manage to create the effect of a ring of cranes. Quite clever. The book teaches a simple unit and then shows multiple ways for assembling different creations.

The diagrams are quite clear and are drawn in black and white. Many of the models look differently on the back from the front and drawings are provided of both sides making proper assembly a sure thing.

Some of these rings have spikes. Some have points. Some are smooth. All of them can be made into fabulously colorful creations. There are instructions for ways to nest the rings to make even more intricate designs.

At the end of the book is a sample math lesson by Gay Merrill Gross for folding one of the stars. This is followed by some tips from Laura Lee Hayes for teaching the math lesson.

If you like modulars, particularly flat ones that don't have a lot of volume (like so many of the polyhedra), and you like to hang decorative things on walls and doors, then this book is for you. The book is not marked for price, so prices may vary depending on where you buy it.

### Subscriptions

Few things are as easy as subscribing to Scaffold. Just send an e-mail message to [scaffold1@aol.com](mailto:scaffold1@aol.com) and say that you want to subscribe. That's all there is to it. So tell your friends, tell your family, tell your pets and, as we do in Chicago, fold early and fold often.

### Folding in Chicago

The Chicago Area Origami Society meets on the second Saturday of every month at the Garfield Park Conservatory located at 100 N. Central Park Ave. Meetings are open at all, free, and run from 1:00 PM until 4:00 PM. If you happen to be in the area at the right time, drop on in. The schedule for the next few meetings is as follows:

May 12, 2001

June 9, 2001

July 14, 2001

The last meeting had a few surprises. Folder Joanne Ortman (author of *Bent Out of Shape*) managed to make it to a meeting for the first time since recovering from a stroke. I also noticed that we seem to have roped in a few more regulars (they stopped in once and have been unable to stay away).

A popular model being taught at the meeting was the Omega

Star by Philip Shen. I tried to remember John Montroll's one-piece model, but I kept missing a step (I'll be ready next month). I did manage to teach some modulars from a Japanese book that I don't know the title or author of. Once again people were dazzled by some of the models from David Mitchell's PAPER CRYSTALS and many wanted to learn them right then. I had to talk them out of it as I did not have the necessary supplies to teach a 90-unit model.

## Submissions

Scaffold wants you! Scaffold thrives on original designs from around the world. All submissions will be included in future issues. It is my goal to provide a place for original designs to be shared with as much of the origami world as possible.

Therefore I will include any model submitted. It is not for me to judge what others might be interested in.

Submissions may be made electronically or by mail, but electronic submissions are easiest. To submit diagrams electronically, just send them through e-mail to scaffold1@aol.com and they will be included in the earliest possible issue. To send a submission by regular mail, send to:

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

All submissions should include a statement giving permission for the model to be used in SCAFFOLD. At the end of this issue is a sample consent form. Feel free to use it if you are sending paper diagrams. For electronic submissions, just use it as a guide for what to say.

## Back Issues

Back issues of Scaffold are available on line. They can be found at <http://www.origami4you.com> in the What's New section. To view these issues, you will need Adobe Acrobat 4.0 (or higher) or Acrobat Reader 4.0 (or higher) and have them set as the default PDF reader in your browser.

Back issues will also be available at <http://www.origami.com> in the diagrams section sometime in the future. Even if the issues have not been posted there yet, I highly recommend this site as it contains a wealth of origami galleries, diagrams and other origami material.

Both of the above sites have easy links to sites for a free PDF reader if you do not have the current version.

## New Books

It has been a good month in that I was able to add some wonderful new books to my origami library. These books are as follows:

SERES DE FICCION by Mario Andrados Netto & J. Anibal Voyer Iniesta (Spanish) (ISBN 84-8412-081-3)

FISH ORIGAMI by Yoshihide Momotani (Korean) (ISBN 88-7622-104-2)

INSECT ORIGAMI by Yoshihide Momotani & Sumiko Momotani (Korean) (ISBN 89-7622-112-5)

ORIGAMI SHIPS by Yoshihide Momotani (Korean) (ISBN 89-7622-127-3)

ORIGAMI DOG BOOK by Yashiro Sano (Korean) (ISBN 89-7622-088-9)

WONDERFUL ORIGAMI by Kunihiko Kasahara (Korean/English) (ISBN 89-7622-143-5)

ORIGAMI DIVERSITY by Kunihiko Kasahara (Korean) (ISBN 89-7622-081-1)

All of these books are available from Kims Crane Origami Supplies at <http://www.kimscrane.com>

## Krazy Origami

I was doing some reorganizing in my house and I discovered an origami booklet I forgot I had. The booklet is Krazy Origami by Jean-Jérôme Casalonga of the Corsican Origami Society. It was given to me years ago at a Chicago Area Origami Society meeting. Its small size, a little smaller than a postcard, allowed it to get lost among some origami paper.

In this booklet, Jean-Jérôme Casalonga shares some of his original designs. In the introduction he mentions that he creates simple designs because he can't create complex or even intermediate designs. But his Seagull, Owl and Baby Elephant seem to contradict that statement. Then there is his Corsican Ewe which is just too beautiful to call simple despite the small number of folds. Also included in this book are Hands, a design by John Montroll, an introduction by Kunihiko Kasahara and lots of humor that fans of the Corsican Origami Society Bulletin will welcome.

The booklet I have is dated 1990 and I don't know if it is still available, but it is a worthwhile addition to any origami library if you can find it.

## The Models

Another broad assortment of models this issue. Included this issue are birds, a money fold, a dog and a surprising geometric.

Cootie Catcher Accident

Jerry Marciniak showed me this model at the last meeting of the Chicago Area Origami Society. Jerry was

holding a Cootie Catcher (Fortune Teller) when he was struck by a serendipitous accident. Suddenly, this paper toy was a very nice hexahedron. It appears here for the first time.

**Female Peacock**  
This charming little bird was designed and diagramed by Michael Miller and named by committee. Michael Miller designed the bird and then asked folders online what type of bird it might be. Female Peacock is the name that has stuck.

**Fox Terrier**  
This is another model by Michael Miller. I don't know anything about the creation of this model other than the fact that Michael seems to be creating a lot of models recently. Maybe he will share more of them here.

**Papa Papillon**  
I first saw this dollar fold by Joe Gilardi when we met at a meeting of the Chicago Area Origami Society. I was immediately impressed by the model's realistic form. I was even more impressed when I received some

diagrams and discovered just how easy it was to fold. It can also be folded from a 1X2 rectangle (i.e. Euro) and will only lose the tails.

**Goose**  
I designed this goose while teaching at the annual Japan Day Festival held at the Chicago Botanical Gardens. I had an enthusiastic student and was demonstrating how a traditional swan could be made more life-like with the addition of a few simple folds. I had an idea, and suddenly my swan was a goose.

### Scaffold Model Release

The following origami model is approved for publication in Scaffold.

Model Name: \_\_\_\_\_

Model Created By: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Diagramed By: \_\_\_\_\_ Signature (if not same as above): \_\_\_\_\_

Date: \_\_\_\_\_

#### Description

If you would like to include any information regarding the history, creation, inspiration or circumstances leading to the creation of the above model or any information about the designer, please use the following space:

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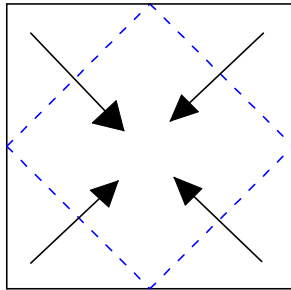
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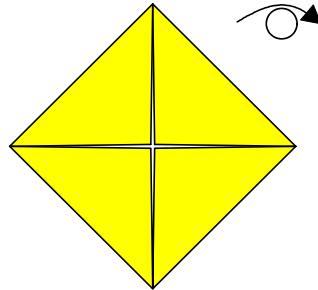
**Cootie Catcher Accident by Jerry Marciniak**

Diagrammed by Joshua Koppel

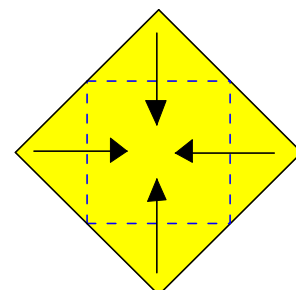
If you know the Cootie Catcher/Fortune Teller/Salt Cellar, you may begin at step 7.



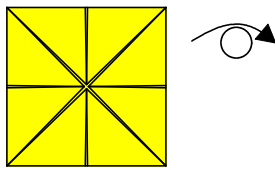
1. Fold corners to center.



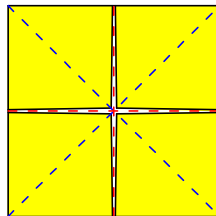
2. Turn over.



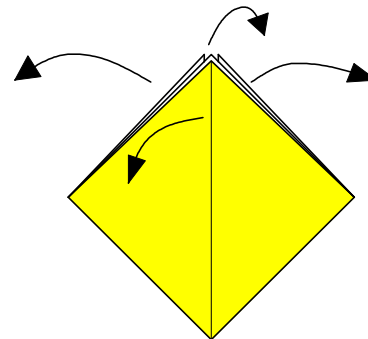
3. Fold corners to center.



4. Turn over.

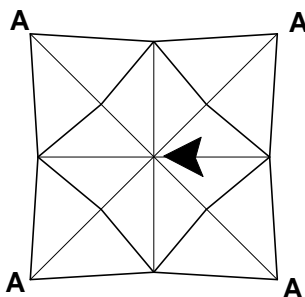


5. Fold a Preliminary fold.

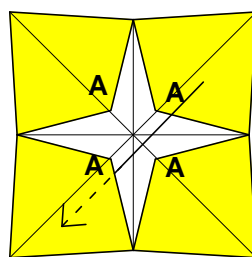


6. Open pockets from the top.

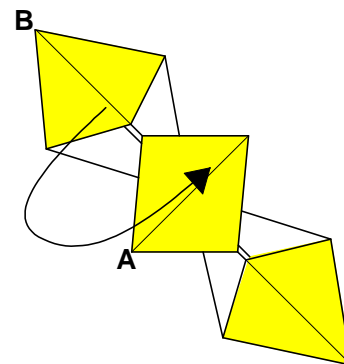
(View from above)



8. Push down on the center peak so that it reverses. Notice the way Points A move towards the center.



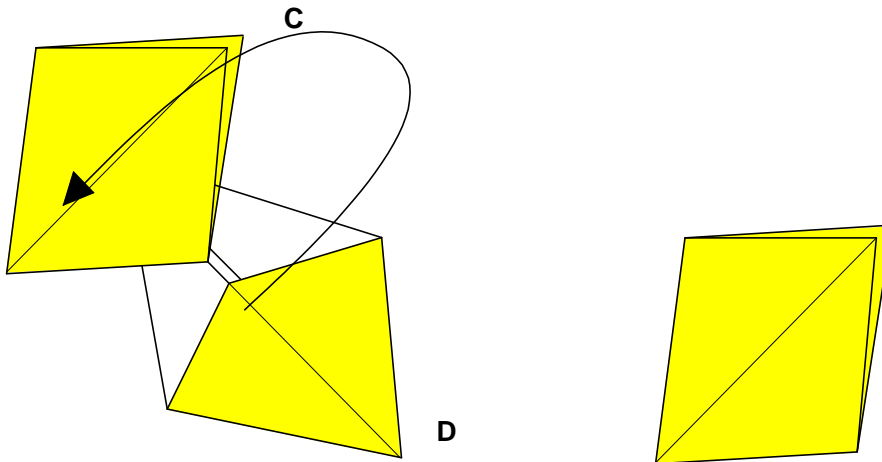
9. Tuck one corner into the opposite corner as far as it will go.



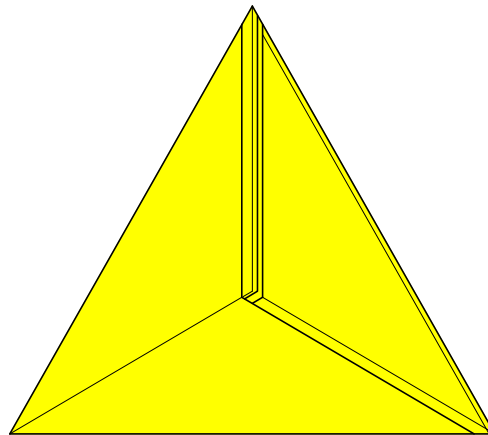
10. Wrap the top pocket around the center so that Point A tucks inside Point B.

## Cootie Catcher Accident by Jerry Marciniak

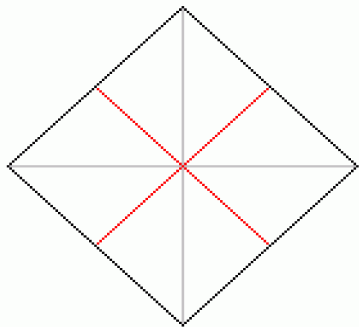
Diagrammed by Joshua Koppel



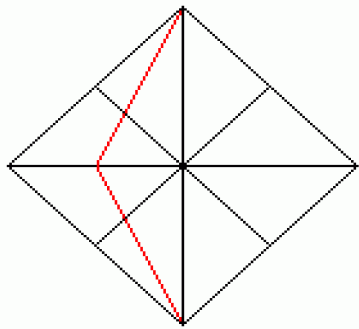
11. Wrap the remaining pocket around the center ... like so.  
so that Point C tucks into Point D...



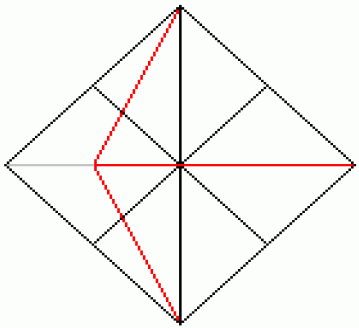
The completed Cootie Catcher Accident.



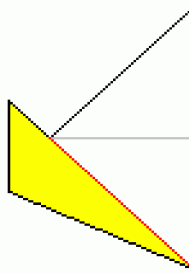
(1) Precrease



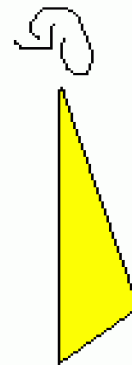
(2) Bisect the angles



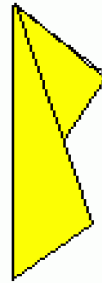
(3) Collapse



(4) Crimp along existing creases



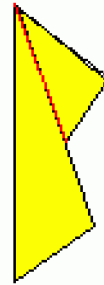
(7) Turn over, top to bottom



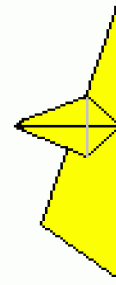
(5) It should look like something like this



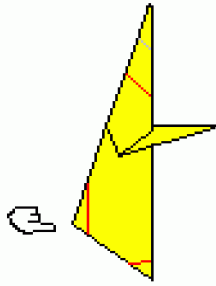
(8) Squash Fold



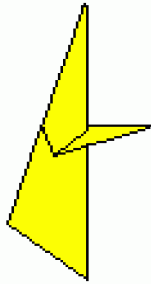
(6) Reverse fold the 2 flaps



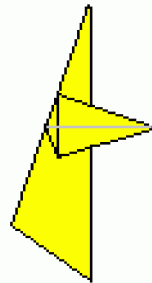
(9) Valley fold flap down



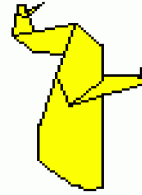
(12) Reverse fold the head in and out then sink the back a little then reverse fold the tail part a little



(11) Repeat steps 8-10 on other side



(10) Valley in half



Finished Dodo/Female Peacock.

(You should have something similar to this)

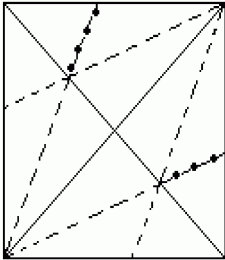


(13) Shape nose and feet with 2 reverse folds

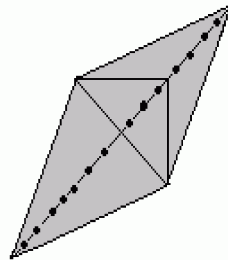
## Fox Terrior

Model Created by Michael Miller  
 Diagrammed by Michael Miller  
 ©2001

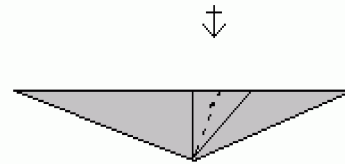
Start with color  
 side down



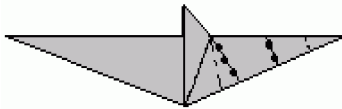
**(1) Fold A Fish Base**



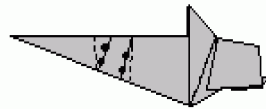
**(2) Mountain Fold Behind**



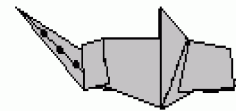
**(3) Bisect The Angle  
 With A Valley Fold. Repeat  
 Behind**



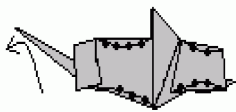
**(4) Shape Head With  
 Crimps**



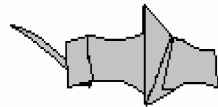
**(5) Crimp**



**(6) Thin Out Tail (A Little  
 Tricky)**



**(7) Curl Tail And Shape  
 Body To Taste**



**Finished Model. Other  
 Modifications May Be Made To  
 Make It Look More Like A  
 Terrior!**

**The diagrams here do not represent the actual model much due to the fact of I have not much experience in diagramming and the only way I know how to diagram is Freehand. Questions and comments are welcome. [Metalyka@hotmail.com](mailto:Metalyka@hotmail.com) Thanks. Michael**



## Papa Papillon

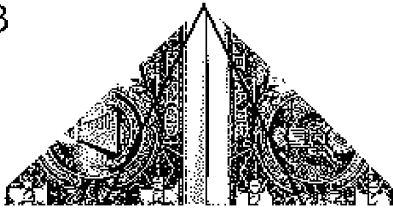
1

Dollar bill Butterfly. By Joe Gilardi. All rights reserved. 1999



Valley Fold in half. Then valley fold both top edges down to center. **TURN OVER**

3



Valley fold center edges to outside edges and unfold. This fold will be used later on when forming wings. **TURN OVER**

5



Colapse in half. To colapse lift center and fold left half over right half. This is a natural colapse along existing folds. This picture is halfway into the colapse. See next step.

7



Inside reverse fold the two lower points. See next step.

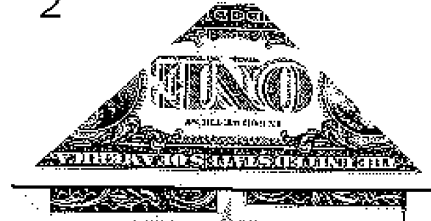
9



This is what you want to end up with. Pulling helps elongate tails. **TURN OVER**

## By Joe Gilardi

2



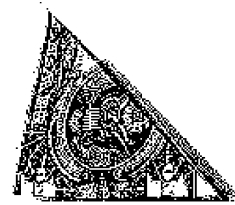
Valley fold corners in. Valley fold both lower flaps up along bottom edge of bill and tuck inside. **TURN OVER**

4



Valley fold bottom edges to outside edges. Fold the top layer only, and only to center. See next step.

6



Now open the colapse in a different direction. Take the top flap and lift it up and to the left. This will form a triangle flap on the under side. See next step.

8



Twist and pull points that you just made down to form tails. See next step.

10



Lift triangle flap up and squash fold. See next step.



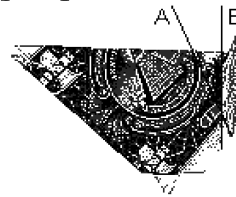
11 Inside reverse fold to narrow body.



12 Crimp head. Narrow body more by folding edges under. See next step



13 Mountain fold in half along center of body



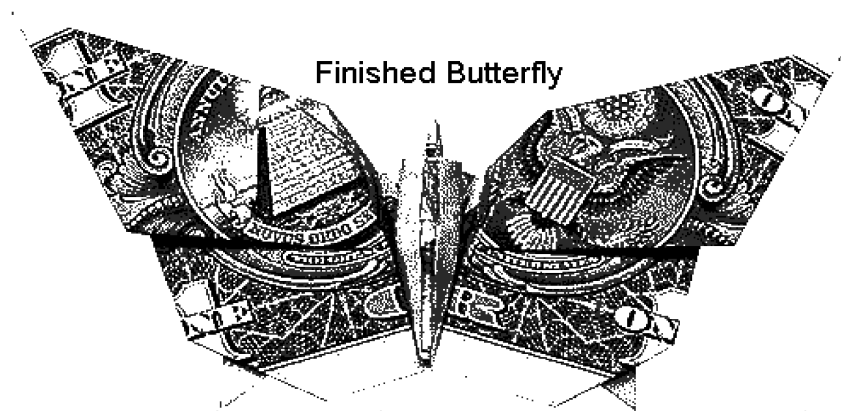
14 Valley fold along line A which follows line of lower body. Repete behind



15 Valley fold along line B from last step. Repete behind. See next step.

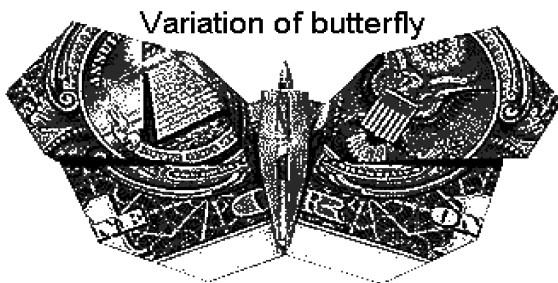


16 Crimp top wing down over landmark fold from step 3. (approx 1/8 inch)



Finished Butterfly

This butterfly was designed using the base of another butterfly by Dokuohtei Nakano. Dollar bill Butterfly. By Joe Gilardi. All rights reserved. 1999



Variation of butterfly

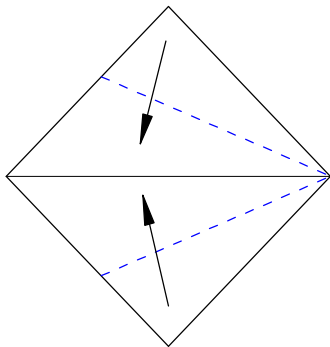
Folding pattern



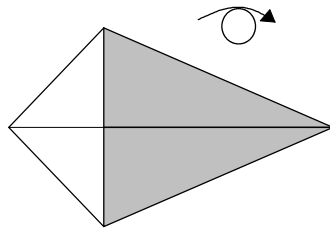
For inclusion in a publication contact [Papajoe@chorus.net](mailto:Papajoe@chorus.net)

### Goose by Joshua Koppel Diagramed 12/15/2000

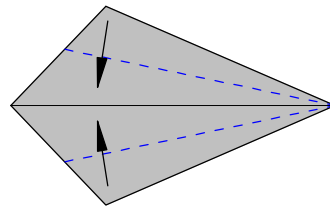
NOTE: Begin with a small square of paper. A 3 inch square works very well. If both sides are not the same color, begin with the preferred color side down. The feet and tail will show the other side.



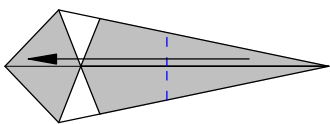
1. Fold two adjacent edges to the center.



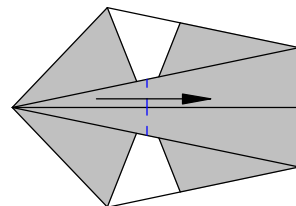
2. Turn over.



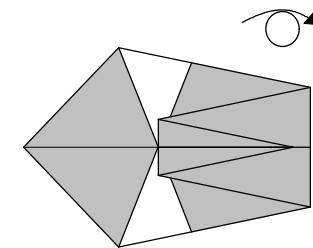
3. Fold the two long edges to the center.



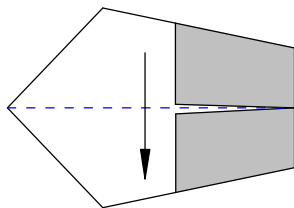
4. Fold the sharp point all the way across.



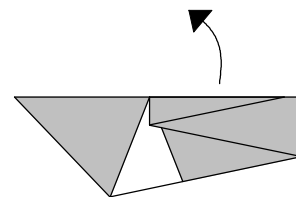
5. Fold the sharp point over.



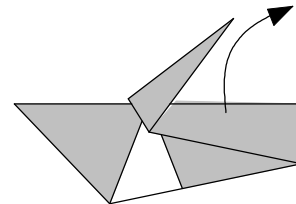
6. Turn over.



7. Fold in half lengthwise.

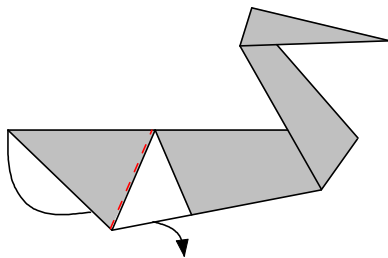


8. Pull the small point up.

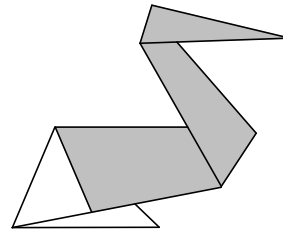


9. Pull the next section up.

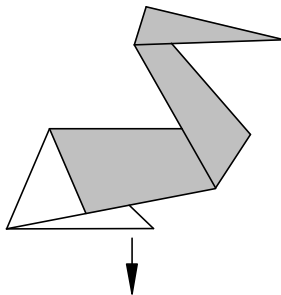
**Goose by Joshua Koppel Diagramed 12/15/2000**



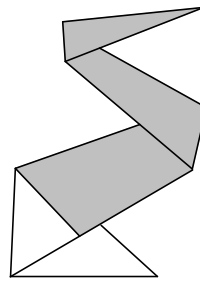
10. Inside-reverse fold the tail.



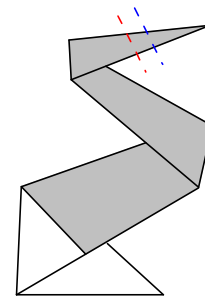
11. The completed Goose.



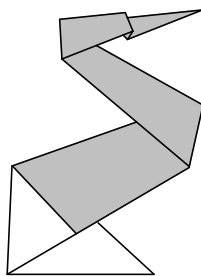
12. Swing out the feel a little.



13. Completed Variation 1.



14. Crimp the beak.



15. Completed Variation 2.