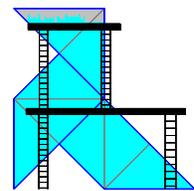


Scaffold

Helping to support and maintain the world of origami



Scaffold a worldwide phenomenon

I would like to thank all of the readers who have made SCAFFOLD a success. This newsletter is currently read in more than twenty-five countries around the world (on six continents so far; anyone know any folders in Antarctica?). When I first conceived of this project, I would never have believed it would become so successful so quickly. Again, thank you all.

Subscriptions

Subscriptions to SCAFFOLD are free. All you have to do is send E-mail to scaffold1@aol.com and state that you would like to subscribe. That's almost as easy as some of those one-fold models.

If, for some reason, you would like to cancel your subscription, just send an E-mail to scaffold1@aol.com and express your

CONTENTS

<i>Subscriptions</i>	1
<i>Book Review</i>	1
<i>Back Issues</i>	1
<i>Contributions</i>	1
<i>Folding in Chicago</i>	2
<i>The Models</i>	2
<i>T-Shirt</i>	3
<i>Thatch</i>	4
<i>Starry Eye</i>	5
<i>Star 4</i>	7
<i>Camel</i>	8
<i>Dragon Hatchling</i>	10

wishes.

Book Review

My work on Scaffold has put me much more in touch with the international folding community. The number of languages represented in my book collection has also increased. One of these books is SAFARI ORIGAMI by Lionel Albertino.

SAFARI ORIGAMI is a collection of African plants and animals. The designs are quite breath taking. Each design begins with a drawing of the animal or plant in question. The model is then presented in a series of clear drawings with accompanying text. As a folder whose French is quite rusty, I can say that the text may illuminate folds, but I was able to follow the diagrams easily.

The models range from a few simple models to much more complex designs with the complex making up the majority of the book. My favorites include the Martin-Pecheur and the Gnou. A wide range of the wild is represented, from small mammals and birds right up through the pachyderms.

150 pages and 33 models make this a packed book. Many readers will see a similarity in style with the books of John Montroll and Robert J. Lang (model indexes, attention to form, clear black and white drawings) but the style is not a

copy. No, the drawings have a unique style of their own. I was also pleased with the reference section in the beginning. I don't think I had ever seen such clear instructions for the action going on in open and closed sinks.

I purchased my copy of SAFARI ORIGAMI from Origami USA just recently so this book should still be easy to find.

Back Issues

Back issues are currently available online at Emmajg's Origami 4 You site (<http://www.origami4you.com/>). Just check the What's New section. Back issues are in PDF format and require Adobe Acrobat 4.0 (or higher) or Acrobat Reader 4.0 (or higher). It is also required that these versions are associated with the PDF file type. In other words, these programs will automatically run when accessing a PDF document online. For example, Windows 95 users would go to the View menu in Windows Explorer and select Options. The File Types tab will take you to where you can make the proper association.

Alex Barber has also asked for permission to post back issues on his excellent origami.com site (<http://www.origami.com/index.html>). I have not seen them there yet, but it is a great site to explore and has provided me with plenty of folding entertainment.

Contributions

SCAFFOLD was created to share new ideas and therefore requires that people contribute models for publication. My policy is that I will include any diagrams received. SCAFFOLD is for sharing and not for passing judgement. All original models are "good enough" for publication here. The only changes that would be made would be adjustments in contrast or hue for better imaging, but that is where my editorial powers end.

Electronic submissions are preferred and most graphic formats are supported (but the most popular are the easiest). Electronic submissions should be sent to scaffold1@aol.com. Paper submissions can be sent to:

Joshua Koppel
PO Box 641374
Chicago, IL 60664-1374

All submissions should include a statement giving permission for the model to be used in SCAFFOLD.

Folding in Chicago

If you are a Chicago area folder or just in town visiting, why don't you stop by and visit CHAOS, the Chicago Area Origami Society. Meetings are held on the second Saturday of each month at the Garfield Park Conservatory from 1:00 P.M. until 4 P.M.. The next couple of meeting dates are:

April 14, 2001
May 12, 2001
June 9, 2001

The conservatory is located at 100 N. Central Park Ave. I hope to see you there.

The last meeting was quite large as a group from Trinity College was visiting the conservatory and decided to join us. A lot of people folded modulars while others folded on their own. One woman, trying for a large modular, came up with a series of linked cubes.

I displayed some of the models from David Mitchell's PAPER CRYSTALS. I then folded a dragon from the Millennium Dragon Challenge book. Finally, I ended up by helping some folders with the theory of Kenneth Kawamura's Double-Walled Twist-Fold Boxes. Ken had come through Chicago and taught his boxes but some people had forgotten how to do them. The biggest stumbling block was the twist-fold, something many folders try to fold one crease at a time instead of letting the paper take over and folding all at once.

The Models

This month we have a mixed-bag of models including clothing, animals, decorations and a nifty modular cube.

Remember, if you would like your models included here, read the Contributions section for information on how to submit them.

T-Shirt

This model was designed by Miranda van de Beek as a participants badge for the oncoming OSN weekend convention. It will be published in the OSN convention guide (about 250 copies). Its inclusion here marks its

first worldwide appearance.

Thatch

This nifty modular was sent in and designed by Meenakshi Mukhopadhyay. If you like modulars, then you will love this beautiful creation.

Starry Eye

One day I was folding Peter Engel's Giraffe (from ORIGAMI FOR THE CONNOISSEUR) and I noticed a path to a star. The result is a four-pointed star with a central pattern that resembles an eye.

Star 4

As I was working on the previous issue, I conceived this variation of the stars. This four-pointed star begins with the Extended Bird Base (diagrams for this base can be found in the previous two issues).

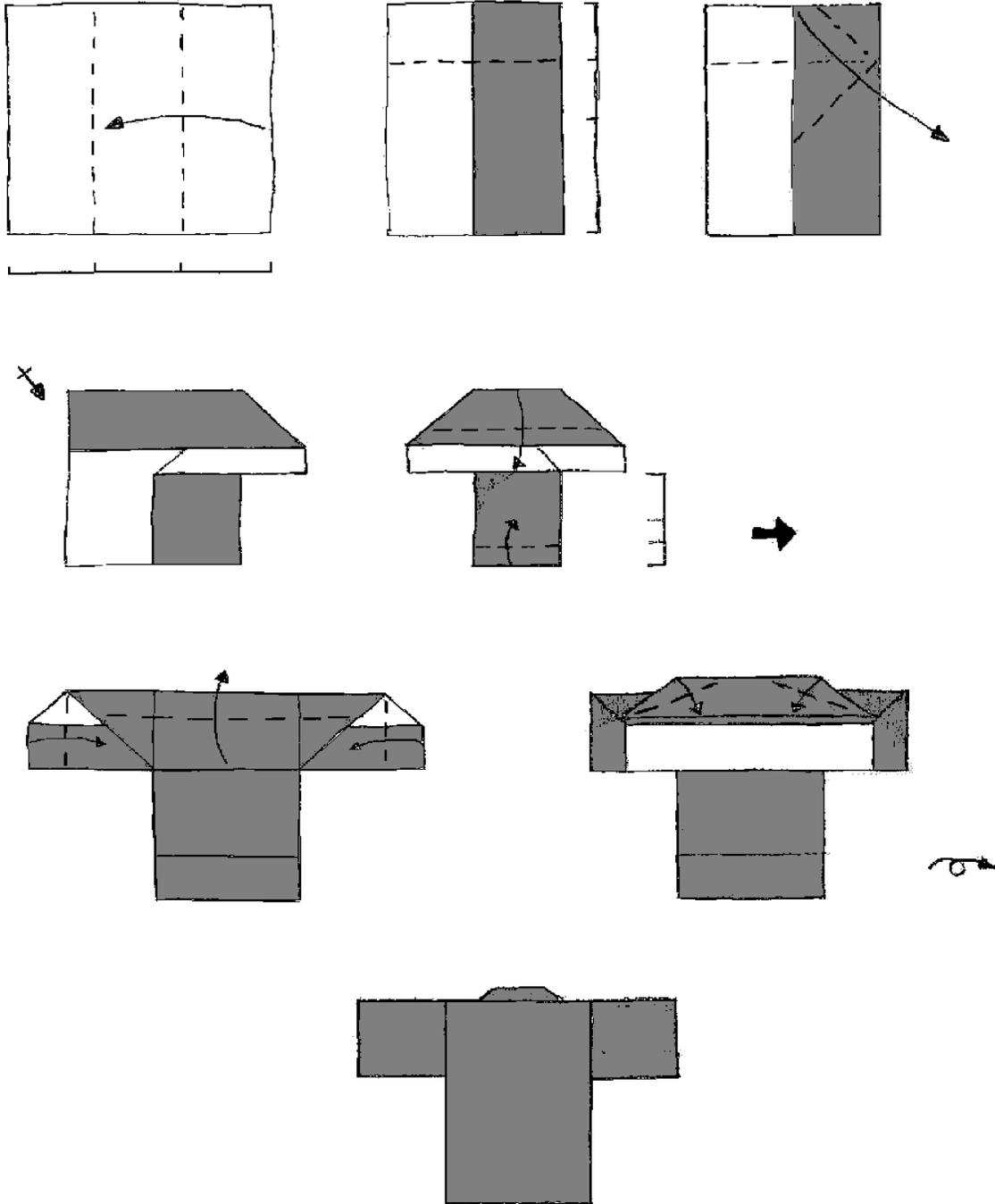
Camel

One day I was working my way through Samuel Randlett's THE ART OF ORIGAMI. I became fascinated with his Parrot made from a waterbomb base. About an hour later I had created a whole flock of birds from a waterbomb. Somehow, while creating birds, this camel emerged.

Dragon Hatchling

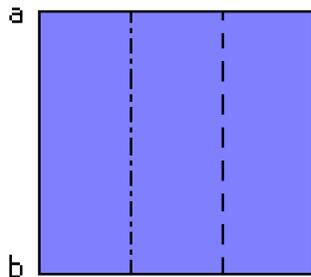
This was one of the first dragons I designed. It was about 1987 and just before I entered my "Dragon Period" where I turned everything (birds, flowers, animals, even Jack Skillman's Jackstone) into a dragon.

T-SHIRT

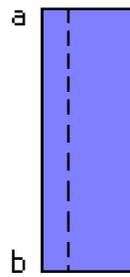


oniw. e tou. a.m. van de beek
rotterdam, februari 2000

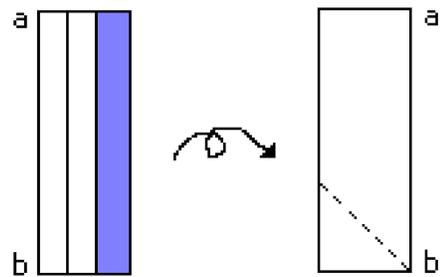
Thatch Cube - ©Model and Diagrams by M. Mukhopadhyay



1 Mountain and valley fold as shown into thirds

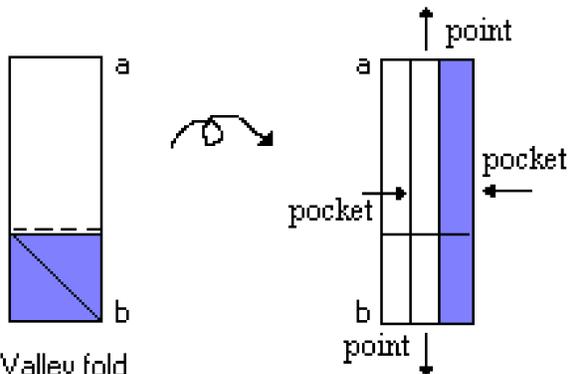


2. Valley fold 1/3 top layer only

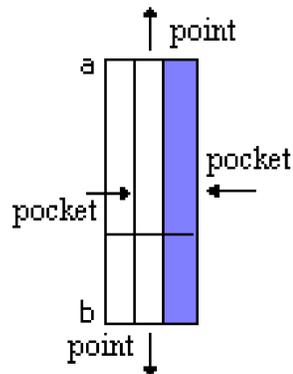


3. Turn around laterally.

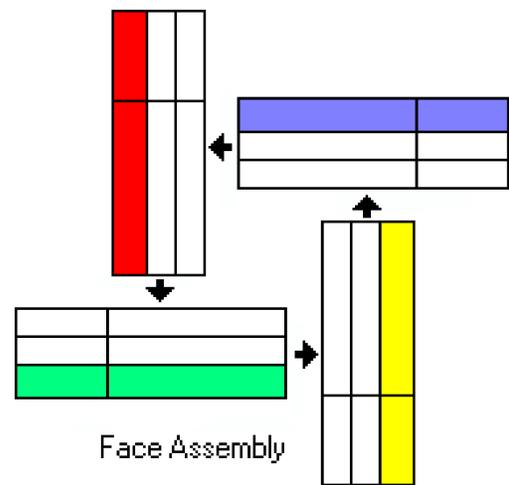
4. Valley fold laterally.



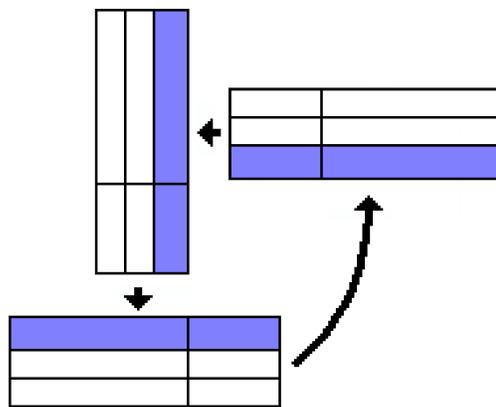
5. Valley fold and open



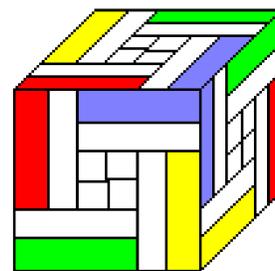
6. Finished unit. Make 24 units



Face Assembly



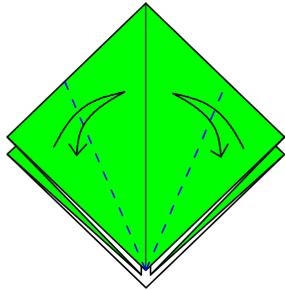
Vertex Assembly



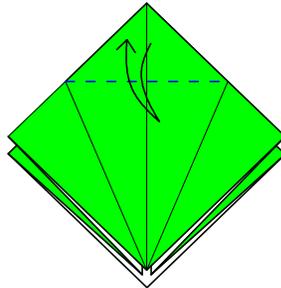
Finished Cube

Starry Eye by Joshua Koppel

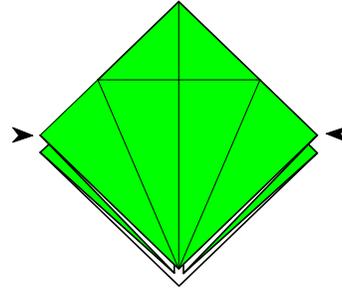
Begin with a preliminary fold with the color out.



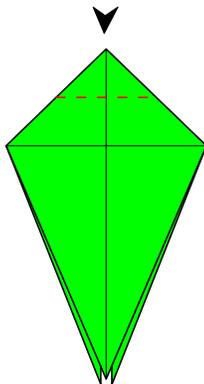
1. Fold and unfold. Repeat behind.



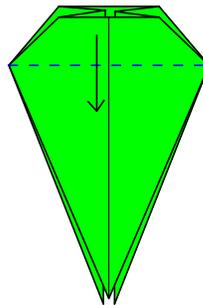
2. Fold and unfold.



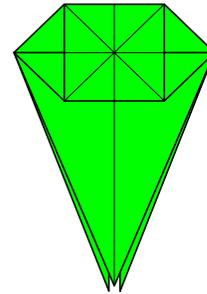
3. Sink all four side points.



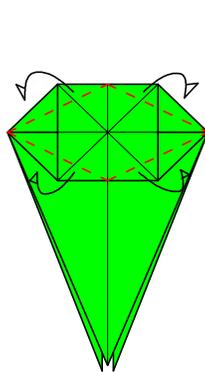
4. Sink top point.



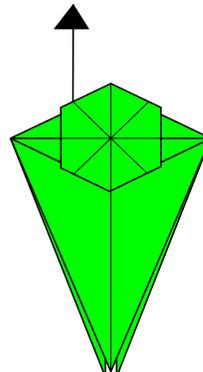
5. Fold down so the top spreads...



... like this

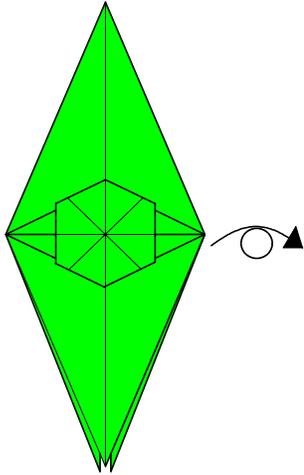


6. Mountain-fold behind.

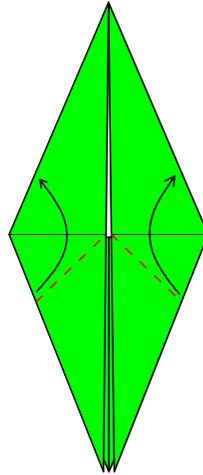


7. Fold up back flap.

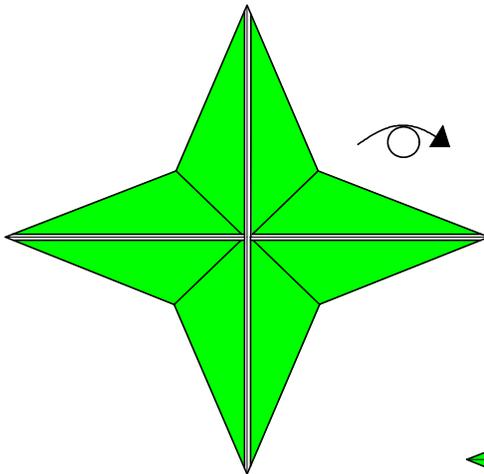
Starry Eye by Joshua Koppel



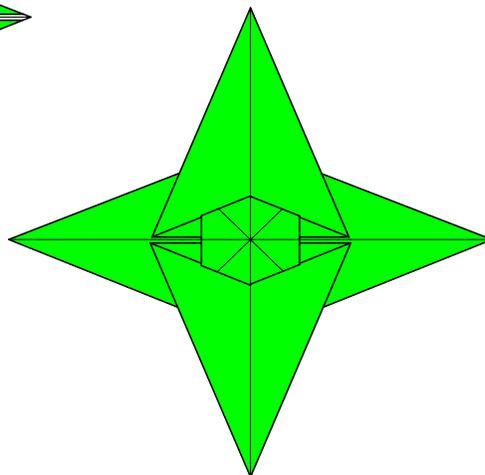
8. Turn over.



9. Squash-fold two points up.



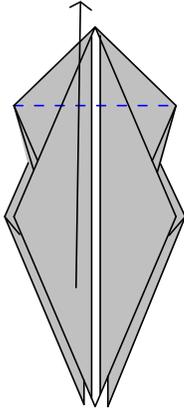
10. Turn over.



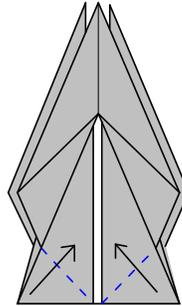
11. The completed Starry Eye.

Star 4 by Joshua Koppel

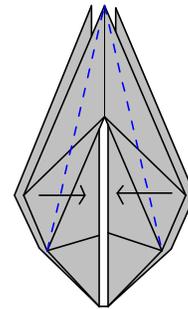
Begin with an Extended Bird Base.



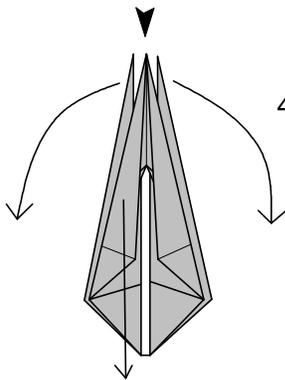
1. Fold the front flap up.
Repeat on other 3 flaps.



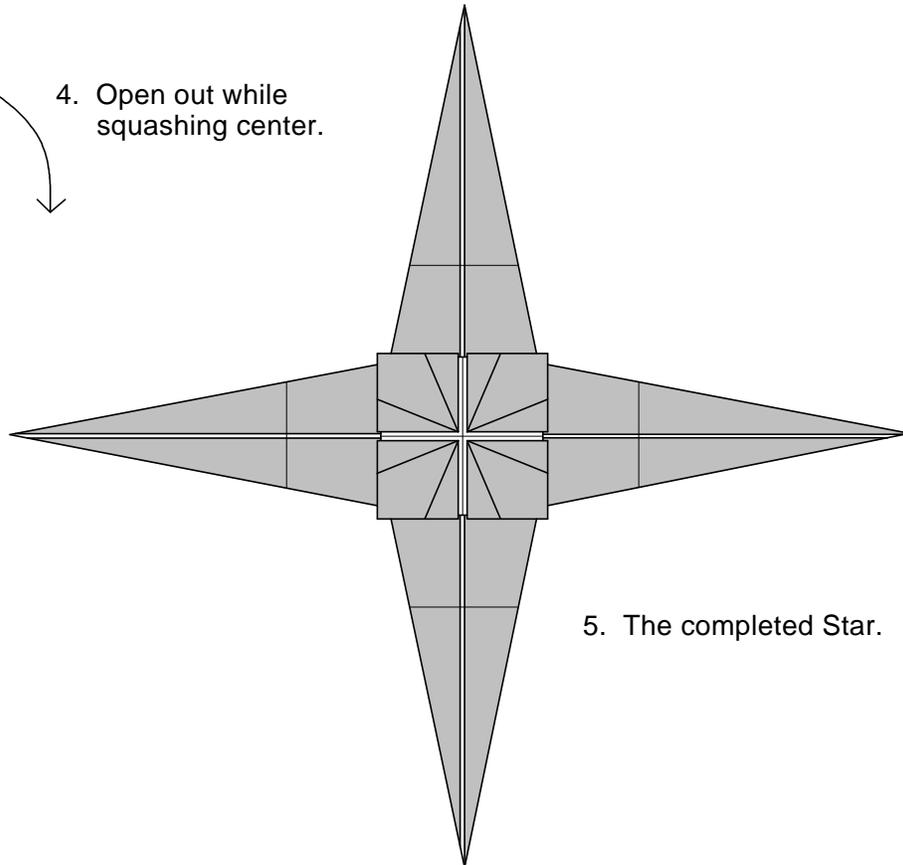
2. Fold points to center.
Repeat Behind.



3. Fold edges in on all
4 sides.



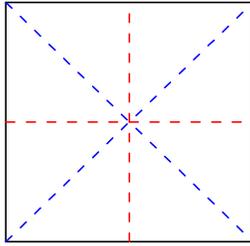
4. Open out while
squashing center.



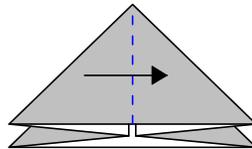
5. The completed Star.

Camel by Joshua Koppel

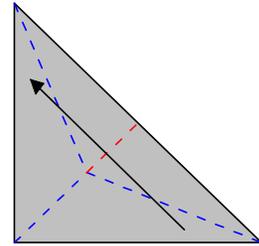
Begin with a square of paper colored side down.



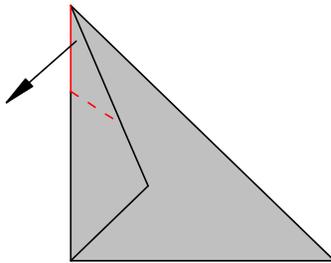
1. Fold a waterbomb base.



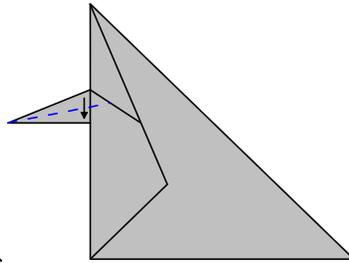
2. Fold in half.



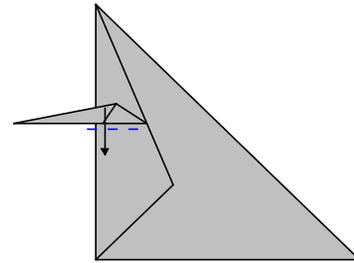
3. Rabbit ear front and back.



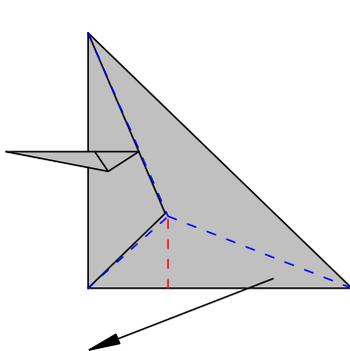
4. Inside reverse. Repeat behind.



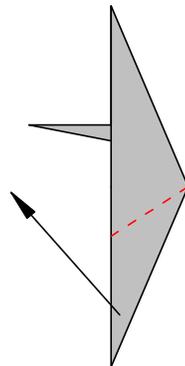
5. Narrow point. Repeat behind.



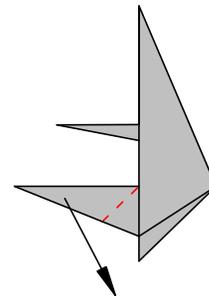
6. Flip point down. Repeat behind.



7. Rabbit ear. Repeat behind.

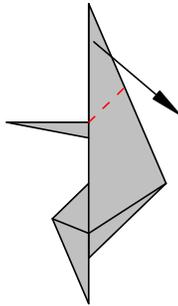


8. Inside reverse. Repeat behind.

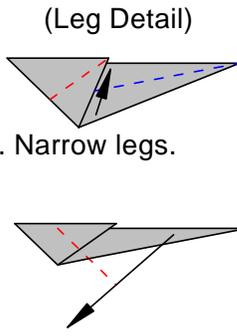


9. Inside reverse. Repeat behind.

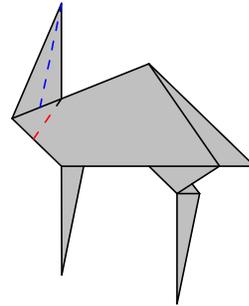
Camel by Joshua Koppel



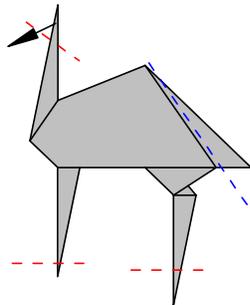
10. Inside reverse neck.



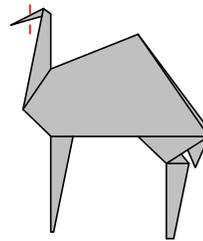
11. Narrow legs.



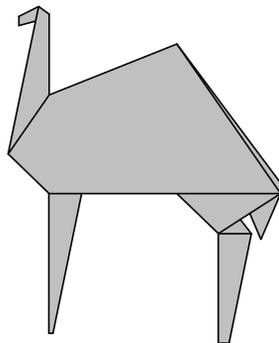
13. Narrow neck.



14. Fold head down. Flatten feet. Outside reverse tail around back legs to lock model.



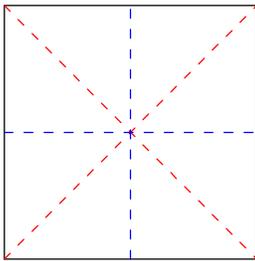
15. Flatten nose.



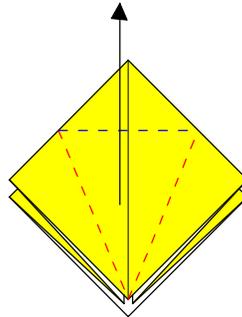
16. The completed camel.

Dragon Hatchling by Joshua Koppel

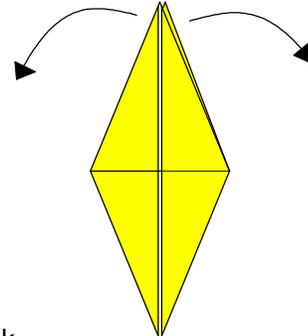
Begin with a small square of paper. If the paper is not the same color on both sides, begin with the desired color face down.



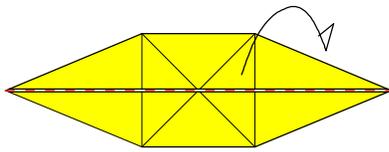
1. Fold a Preliminary Base.



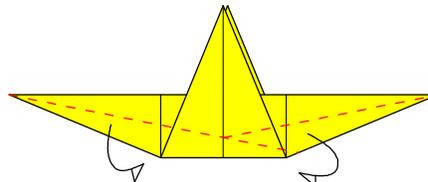
2. Petal-fold front and back.



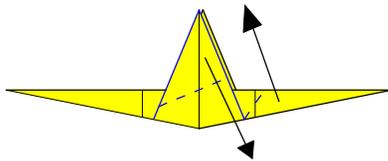
3. Pull top points apart and stretch the bird base.



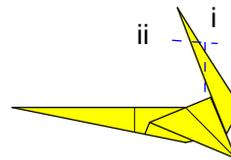
4. Mountain-fold in half lengthwise and flatten center points.



5. Thin the points with mountain-folds.

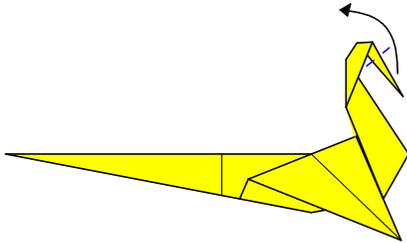


6. Valley-fold the wings down on both sides. Outside-Reverse the neck.

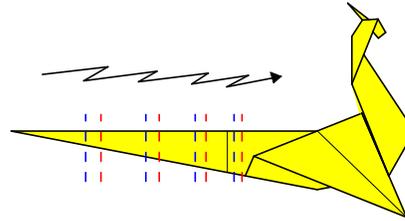


6. Outside-reverse step i.
Inside-reverse step ii.

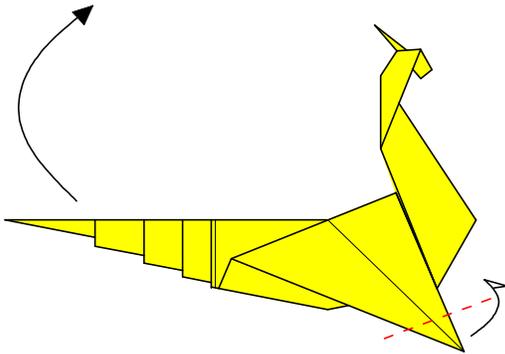
Dragon Hatchling by Joshua Koppel



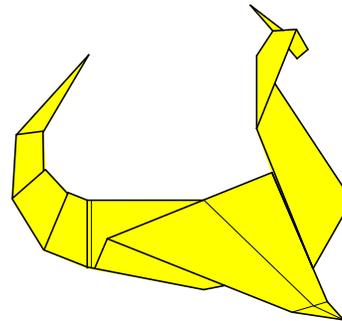
7. Inside-reverse the head.



8. Crimp tail (number of crimps may vary).



9. Fold tips of wings inward and curl tail up.



10. The completed Dragon Hatchling.