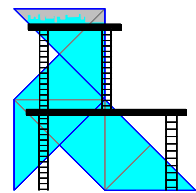


# Scaffold

Helping to support and maintain the world of origami



## Scaffold Goes GIF!

Recent software acquisitions allow me to provide Scaffold in GIF format. So all you WebTV users (and others who can't handle PDF) now have a chance to receive Scaffold directly. If you would like to receive the GIF version, just send a message to [scaffold1@aol.com](mailto:scaffold1@aol.com) and say that you would like to be put on the GIF list. That's all there is to it.

## Welcome

I would like to welcome Paula Versnick, Filip-Van den Berghe, and Trang (Tracy) Chung to the ranks of Scaffold contributors.

## Submissions

Last month's plea for submissions had an immediate effect. But that

### CONTENTS

<i>Welcome</i> .....	1
<i>Submissions</i> .....	1
<i>Origami on the Go</i> .....	1
<i>Subscriptions</i> .....	1
<i>Web Resource</i> .....	1
<i>CHAOS in Chicago</i> .....	2
<i>Diagraming I</i> .....	2
<i>Back Issues</i> .....	2
<i>The Models</i> .....	2
<i>Puffin</i> .....	3
<i>A4 Envelope</i> .....	4
<i>Spike Flower</i> .....	5
<i>Five-Dollar Star</i> .....	6
<i>Sacred Ibis</i> .....	8

effect needs to continue. Scaffold is meant to be a resource for origami designers. 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, 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](mailto:scaffold1@aol.com) while paper diagrams may be sent to: Joshua Koppel  
P.O. Box 641374  
Chicago, Illinois 60664-1374  
USA

## Origami on the Go

The month of July saw me create more than thirty original models. This is not because I was more creative in July. It was because I took advantage of origami on the go. Many folders carry paper with them. I recently stumbled upon a convenient, and unexpected, way of carrying paper.

I am always loath to throw away things that can be useful, particularly when they are well made. I was helping to clear out some of my mother's things when I came across a cigarette case. It was very well made and looked like it had only been used a few times. I knew I could find a use for a sturdy case, so I held onto it. Lo

and behold, the interior dimension was the same width as the note paper I like to doodle with. Each half has an elastic band that holds the contents in place. I use one side for a small stack of paper and the other for completed designs and ideas.

Now, I always have a fresh supply of paper for when inspiration hits. No matter where I am, I can always reach into my pocket and begin designing new models. I am sure that cigarette cases are not the only items that might be used in this way, but I am going to stick to it.

## Subscriptions

Some people may wonder why I talk about subscriptions in a newsletter that is only sent to subscribers. That is because people share and back issues can be found on the Internet. It is for these people that I speak.

To subscribe to Scaffold, just send e-mail to [scaffold1@aol.com](mailto:scaffold1@aol.com) and state that you wish to have a subscription. That is all there is to it. No more. No less. Unsubscribing, or changing where you want your copy sent to, is also just as easy.

## Web Resource

A recent subscriber told me that they heard about Scaffold from Google Image Search. This is a search engine that finds images. You can use the search engine by going to

<http://images.google.com/> and typing in what you want to search for.

This can be useful when you want to know what a model looks like as well as for general browsing.

## 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:

September 8, 200

October 13, 2000

November 10, 2000

## Diagraming I

It has been a while since I wrote an article on diagraming, so this will hopefully be the first in a series of tips to make it easier to record new models while the folds are fresh in mind.

If you hang out online, you may soon realize that it is hard to help other folders without being able to refer to diagrams on a web site or a book. This can be made easier by diagraming without diagrams.

Diagraming without diagrams is not perfect, but it is a quick method to “fix” a folding process in your, or someone else’s, memory. It is very similar to teaching a fold in person. The key is to concentrate on the verbal portion of your teaching. It also often means including more information than usual. For example, when teaching the Fortune Teller/Cootie Catcher one might say, “Fold the four corners to the center

and then turn over.” This is usually adequate if you can see what the other folder is doing. But what happens if by “turn over” the folder rotated the model instead? Well, you later instructions will lead to something you did not intend.

The trick is to supply more information through more steps and more detailed descriptions. Instead of “turn over” you might want to say, “Turn the paper over so you can’t see the folds you just made” or “Turn the paper over so that you see the smooth side.”

Many folders have suppressed the verbal aspects of diagrams. This is usually because many of us have encountered diagrams in many languages. Thus we concentrate on the picture more than we do the words. Teaching is very similar. When teaching in person, the teacher picks up a lot of visual information. Diagraming without diagrams forces the teacher to anticipate trouble. This is similar to how a computer programmer tries to predict how a program could be misused. It doesn’t take a whole lot of effort, but it does take a little time to achieve thinking that way naturally.

## Back Issues

Back issues of Scaffold are available online. So far, all back issues are available. They may be found at <http://origami4you.com> (just click on the Scaffold link). All back issues are in PDF format and require Acrobat Reader 4.0 (or higher) or Acrobat 4.0 (or higher). Origami4You provides a link to a site where you can download a free copy of Acrobat Reader.

## The Models

Issue 7 has generated some good feedback from origami designers. In

this issue, we welcome three new contributors. Their contributions include birds, flowers, stars, envelopes, modulars, and money folds.

### Puffin

Paula from Holland has sent in two models. The first is a Puffin. Paula offers the following advice: The puffin is best from paper with colored corners, grey in the middle, then to the corner first black and at the corners red. That way the bird is getting it’s characteristic red nose and feet.

### A4 Envelope

Paula’s second model is an envelope. This is an interesting fold, but the United States Postal Service would not accept the shape. But even if you are in the USA, you should give it a try.

### Spike Flower

Filip-Van den Berghe (a.k.a. Uncle Goose) has sent in this simple, but nifty, flower.

### Five-Dollar Star

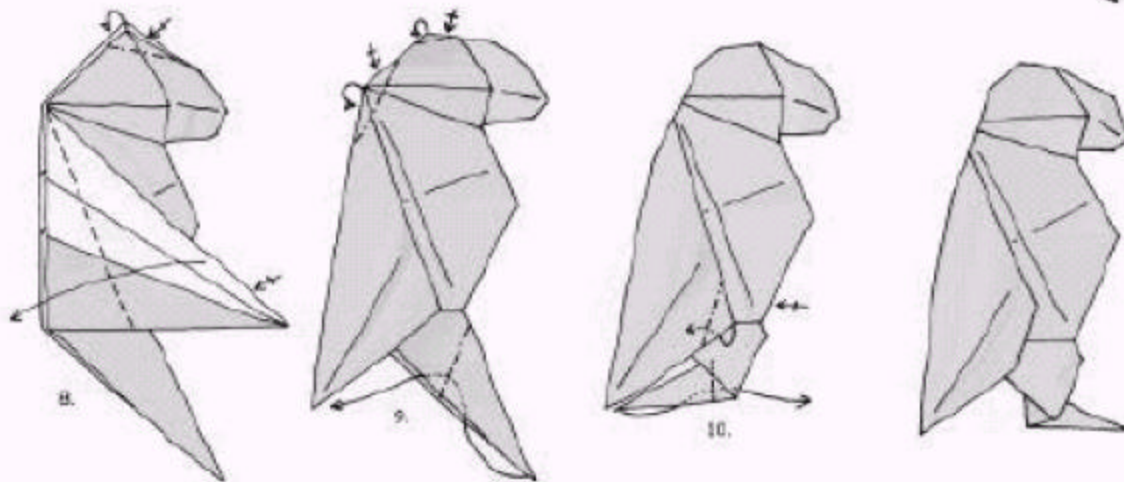
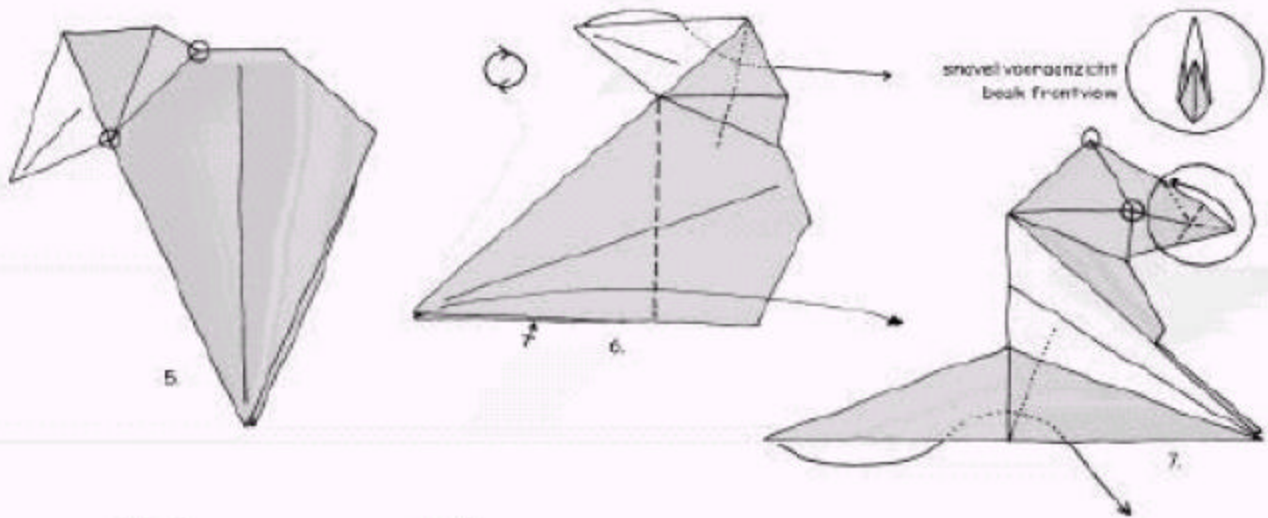
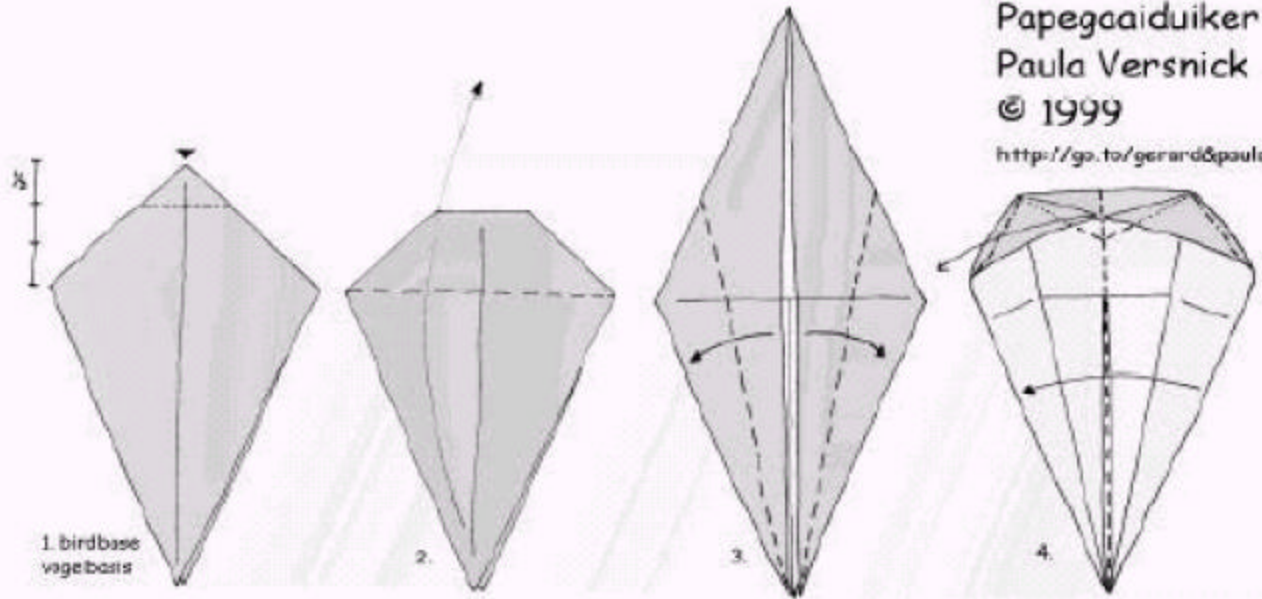
This is a modular star was designed by Trang (Tracy) Chung made and is made from five dollar-bills (7X3).

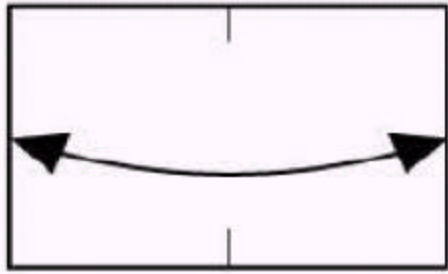
### Sacred Ibis

When I designed this model in the late 1980s, I saw in it the stylized Ibis hieroglyph, and not the actual bird itself.

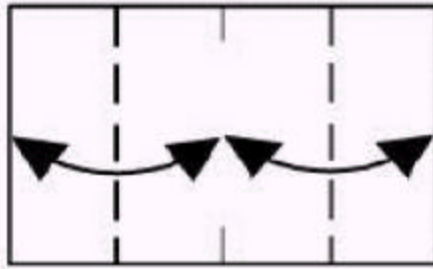
Papegaaiduiker  
Paula Versnick  
© 1999

<http://go.to/gerard&paula>





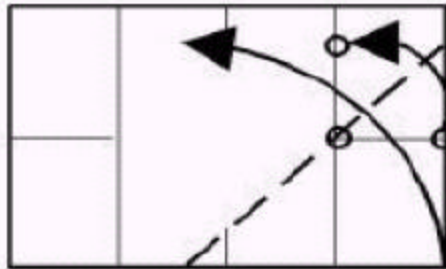
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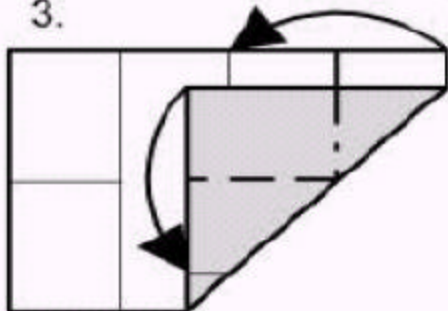
2.



3.



4.

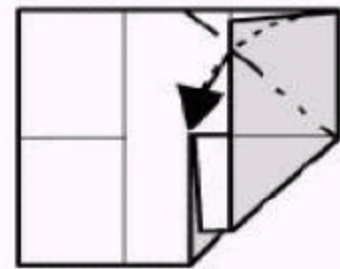


5.

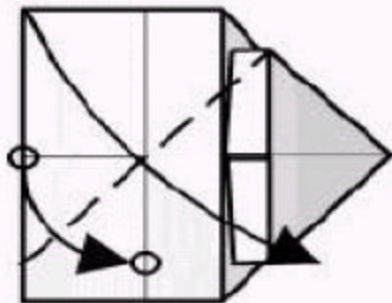
A4 Brief enveloppe  
© Paula Versnick

Ontwerp: 1999  
Tekeningen: 2001

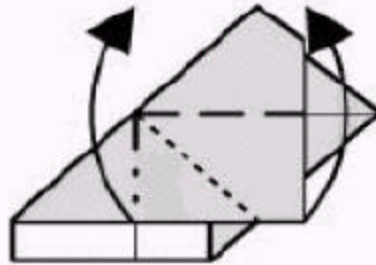
<http://go.to/gerard&paula>



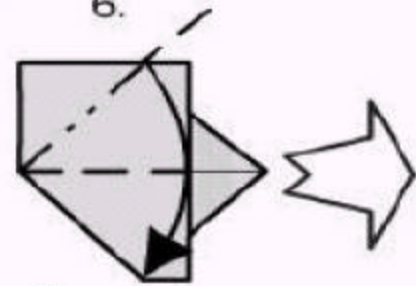
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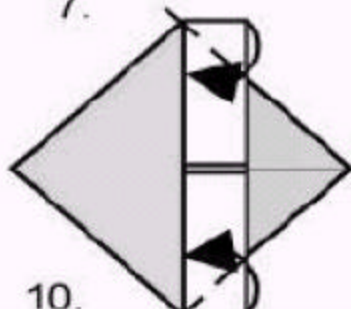
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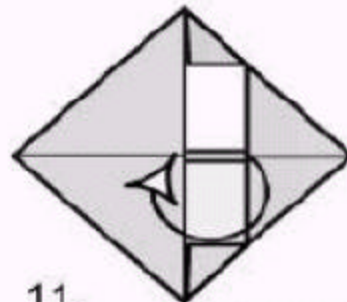
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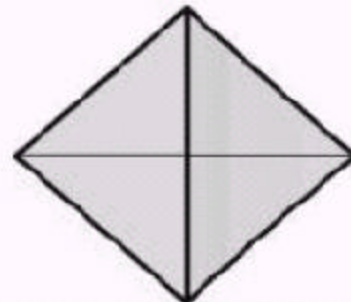
9.



10.

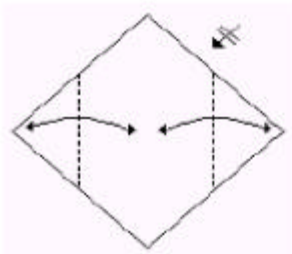


11.

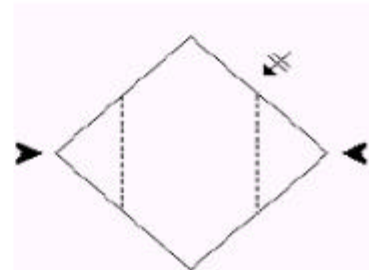




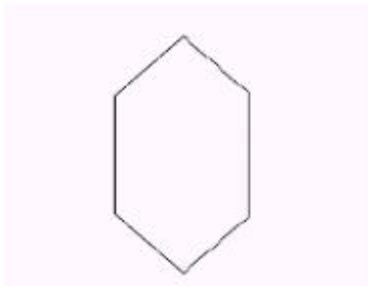
## SPIKE-FLOWER



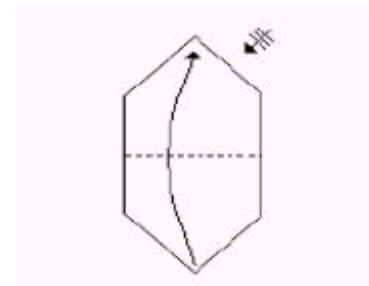
Start with the preliminary fold.  
Fold and unfold the 2 points to the middle. Repeat at the back.



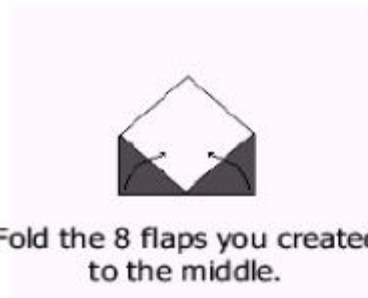
Tuc the points in, also repeat it on the back.



It should look like this.  
That's easy, isn't it??



Foid the point at the bottom towards the top and repeat the same for the other 3 points



Fold the 8 flaps you created to the middle.



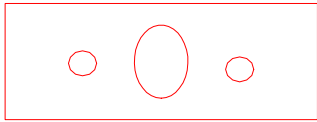
Pull out the four flaps at the top, et voilà. Now it's ready.

Spike-flower is designed and diagramed by Filip Van den Berghe (a.k.a. Uncle Goose). You may use the design and diagrams of the spike-flower for private or educational purpose BUT not for commercial reasons except with permission of the Designer. You can reach the designer by E-mail:

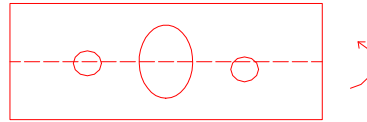
Goose\_v1@yahoo.com

## Five-dollar Star

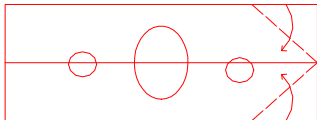
as designed by Trang (Tracy) Chung.



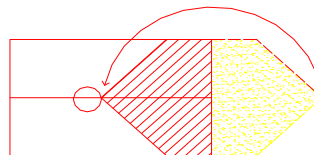
Start with dollar bill face up with portrait right-side up. Note that smaller circles on either side of the portrait are not evenly positioned.



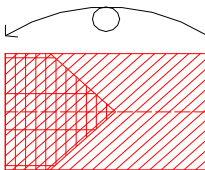
Fold bill in half lengthwise as shown, then unfold to leave crease.



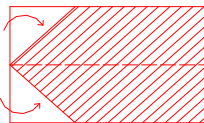
Fold corners on right side over to the crease to form a point.



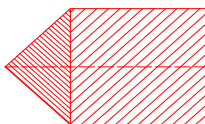
Fold right side of bill over so that the point of the right side just touches the edge of the Federal Reserve Seal (smaller circle to the left of the portrait).



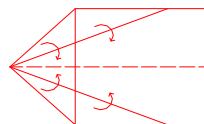
Flip entire bill so that you are now looking at the back side. (The double-shaded area in the picture is on bottom).



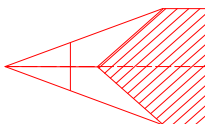
Fold corners on left side over to the crease to form a point.



The bill should look as shown. Confirm that the point and creases are sharp.

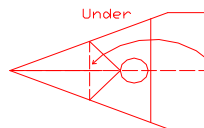


Fold again from point as shown, bringing the outside folded edges in to the center.

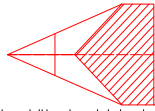


The bill should look as shown. Confirm that the point and creases are sharp.

Turn dollar back over.

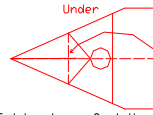


Fold edge of dollar until the edge meets the **UNDERSIDE** of the triangular tab.

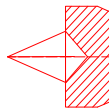


The bill should look as shown. Confirm that the point and creases are sharp.

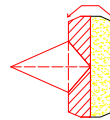
Turn dollar back over.



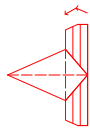
Fold edge of dollar until the edge meets the **UNDERSIDE** of the triangular tab.



The bill should look as shown. Confirm that the point and creases are sharp.

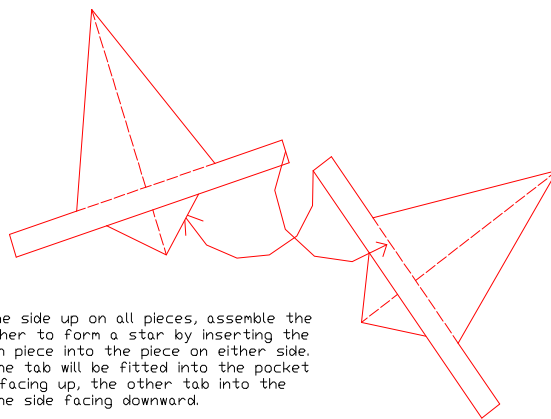
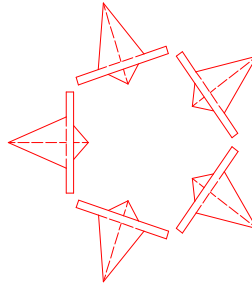


Fold edge of dollar again until the edge once more meets the **UNDERSIDE** of the triangular tab.



Fold edge of dollar into thirds so that the edge meets the underside of the triangular tab.

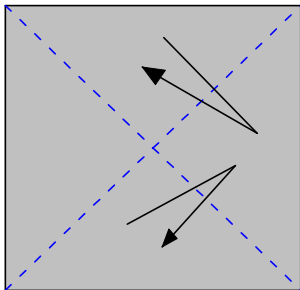
Set aside and repeat process to get a total of five units.



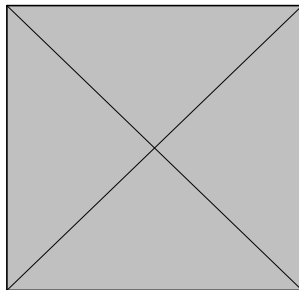
With the same side up on all pieces, assemble the pieces together to form a star by inserting the tabs of each piece into the piece on either side. Note that one tab will be fitted into the pocket on the side facing up, the other tab into the pocket on the side facing downward.

## Sacred Ibis by Joshua Koppel

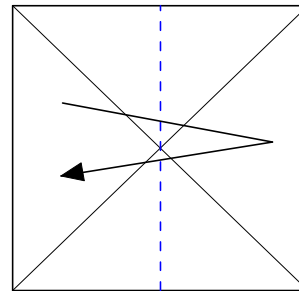
Begin with desired side up.



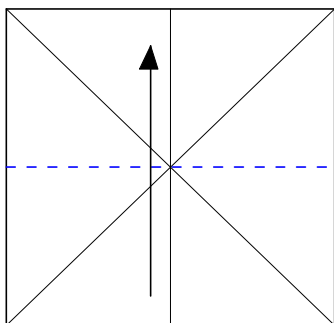
1. Fold and unfold diagonals.



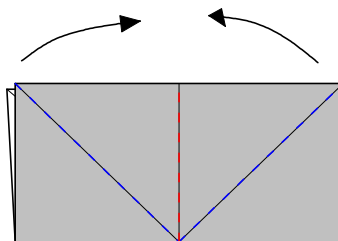
2. Turn over.



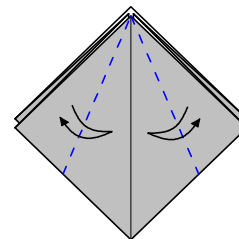
3. Fold and unfold.



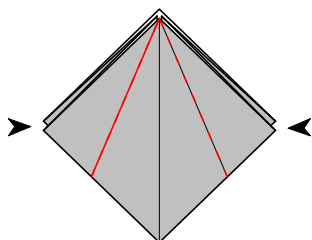
4. Fold up.



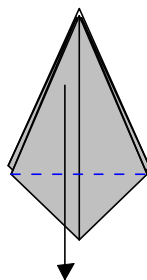
5. Collapse into preliminary fold.



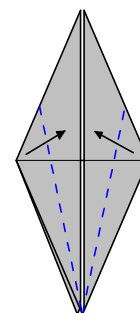
6. Fold and unfold. repeat behind.



7. Sink four corners.



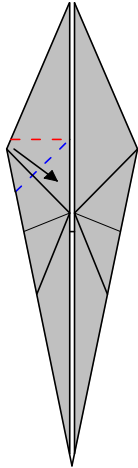
8. Fold flap down. Repeat behind.



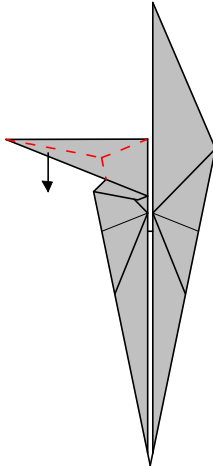
9. Fold edges to center. Repeat behind.



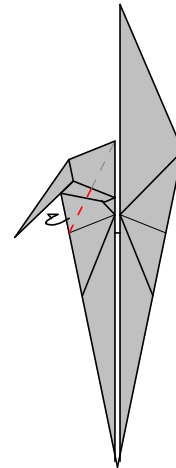
## Sacred Ibis by Joshua Koppel



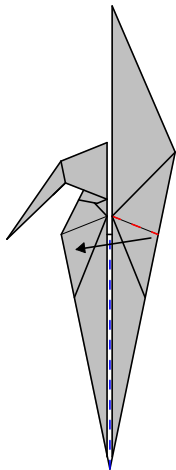
10. Crimp point.



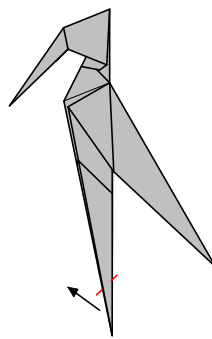
11. Thin point.



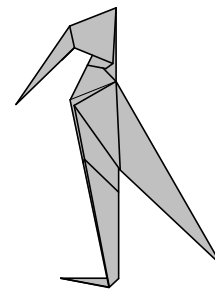
12. Fold inside.  
Repeat behind.



13. Crimp.



14. Inside-reverse feet.



The completed  
Sacred Ibis.