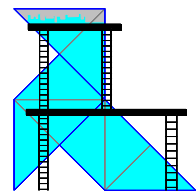# Scaffold

Helping to support and maintain the world of origami

Scaffold needs diagrams!

Spread Your Work

Do you have an original model sitting on your desk? Have you taught it to some friends? Maybe put it on a website? Well, Scaffold wants to help you spread your work to more of the origami community. Scaffold will print any submitted diagrams.

To submit diagrams, send them to **scaffold1@aol.com.** They will then appear in an upcoming issue (usually the next one). If you don't have electronic copies of your diagrams, printed diagrams may be submitted by sending them to:
Joshua Koppel
PO Box 641374
Chicago, IL 60664-1374
USA
Printed diagrams may take a little longer to appear, but will still be included as quickly as possible.

All submissions should be accompanied by a statement expressing permission for the model to be included in a future issue of Scaffold. I would also be interested in any comments you have about how you came up with the model.

Back Issues

All back issues of Scaffold are currently available online. They can be found at **http://www.origami4you.com.** Just click on the Scaffold link at the top of the page. Origami4you.com is a wonderful site, so please take a few moments to look it over.

Doodle Paper

Origami doodling is what I can the process of designing without specific intent. I just fold rather randomly until, like looking for shapes in the clouds, I get a glimmer. I then begin folding with intent. When doodling, I generally do not use true origami paper. Instead I use what I think of as doodle paper.

In general, doodle paper tends to be a bit heavy. I find this useful as I abandon folds in a doodle. The stiffer paper allows a lot of repeated folding and unfolding. When I find a design that is promising, I will later fold it with better paper.

The paper I find the most useful for doodling tends to be small notepaper. These are usually 3-inch or 3 ½-inch squares of colorful paper. I like the convenient size. I can carry some in a shirt pocket or tucked into the book I am reading. But I sometimes use larger paper for more complex doodles. My current favorite being obsolete letterhead that has been trimmed into an 8 ½-square. The letterhead I come across has a high fiber content which helps prevent tearing from overuse.

I am currently creating several models a day when I have doodle paper handy. I just grab a sheet and let my fingers do the folding. Next thing I know, there are a pelican and a giraffe in my pocket.

New Books

Just as the July 2001 issue was going out, my copy of Jeremy Shafer's new book arrived. A week later, a trip to Boston allowed a visit to the Sausuga Bookstore where I found several more books. These new additions are as follows.
ORIGAMI TO ASTONISH AND AMUSE by Jeremy Shafer

CONTENTS

(English) (ISBN0-312-25404)
ORIGAMI FLOWER BALL by
Yoshihide Momotani (Japanese
with some English)
(ISBN4/900747-02-5)
Minna da Tanoshimeru Origami:
Sukanu & Kai (Let's Enjoy Paper
Folding: Fish and Shellfish) by
Makoto Yamaguchi (ISBN4-321-
45503-0)
Kurashir o Irodoru Ruku Ruku no
Origami (Easy Origami to Enliven
Your Life) by Tomoko Fuse
(Japanese) (ISBN4-900747-10-6)
Tsuru to Ogi To (Cranes and Fans)
by Tomoko Fuse (Japanese)
(ISBN4-480-87221-3)

Astonish and Amuse

Few books seem to have created
the same anticipation as Jeremy
Shafer's ORIGAMI TO ASTONISH
AND AMUSE. After countless
delays by the publisher, it finally
was released last month. It was
everything I had hoped for.

Upon the arrival of the
book, I had to take the time to
examine it carefully. Ninety-plus
models are diagramed (with two
hidden in the beginning). My first
impression was about the page
layout. This is not typical of most
English origami books. Jeremy
makes fine use of the written word
with detailed explanations,
anecdotes, and notes about how a
particular model was created. As
a designer, I was very pleased.

The models in the book
range from traditional ideas like a
crab and a dragon, to the
completely bizarre, like the
Clogged Artery. Some models are
monochromatic while others make
full use of both sides of the paper.
Some models are simple, like the

Origami Square and the Invisible
Duck, while others look like they
defy physics, like the Eight
Interlocking Rings.

But the question was in
my mind, did the fuller pages
detract from the diagrams? Well, I
sat down to test it. I chose the
Chocolate-Covered Ant and the
Star of David. There was
absolutely no trouble with following
the directions. The pages may
have a lot of information on them,
but they are very clear and easy to
follow. The only thing I found
difficult about this book was
cataloging the diagrams (just how
would *you* classify the Clogged
Artery?).

ORIGAMI TO ASTONISH
AND AMUSE is available from St.
Martin's Griffin and sells for $19.95
US ($29.95 Can.).

The Models

This month I have some models
that I designed out of what I later
began to think of as a three-sided
bird base. Chicago Area Origami
Society member Hisa Amimoto
has submitted her first original
model.

Hummingbird
This "Birds of the Sungod" was the
first model designed by Hisa
Amimoto of the Chicago Area
Origami Society, back in 1991. It
was originally to be included in an
issue of Manifold but there were no
diagrams, just a series of step
folds, and I stopped being the
editor before the diagrams were
finished. Hisa has graciously
allowed its appearance here.

Simple Lobster
Back in the late 1980s while I was

writing Manifold, I needed a model
to diagram that would fit on one
page. Somehow, the idea for this
lobster popped into my head
complete except for the method of
hiding a point. But the issue of
Manifold went out with only partial
diagrams, leaving the tail variations
to the reader. This is the first true
appearance of the Simple Lobster.

Simple Scorpion
The Simple Scorpion was designed
mere minutes after I designed the
Simple Lobster. The issue of
Manifold went out with only partial
diagrams, leaving the tail variations
to the reader. This is the first
complete appearance of the Simple
Scorpion.

Parrot in Flight
This Parrot, like the Standing
Crane in the last issue, was one of
the numerous models I created
after encountering Samuel
Randlett's Parrot in THE ART OF
ORIGAMI. A previous set of
diagrams for this model appeared
in the 1991 ANNUAL COLLECTION
put out by The Friends of The
Origami Center of America (now
Origami USA).

$ Fish
I call this the Simple $ Fish but it
has a complex move. I developed
this while performing a job that had
thousands of checks arriving in the
office. Many of these checks were
accompanied by stubs that were
dollar-sized. After a little doodling,
I came across the move that
makes the tail. It's easy if you see
it in motion, but diagraming it was
a bit of a challenge. If you can
manage the tail, there are only
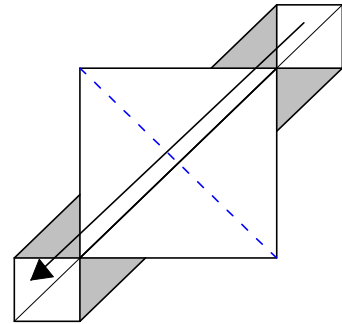three more steps (hence "Simple").

Birds of the Sun God by Hisa Amimoto
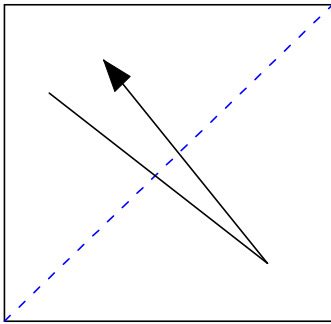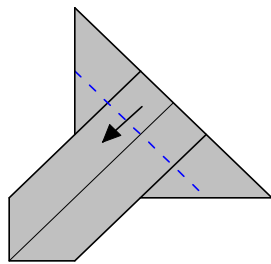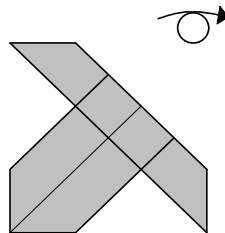
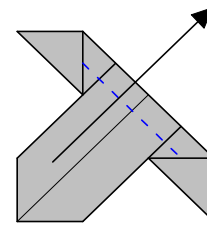1. Fold and unfold.
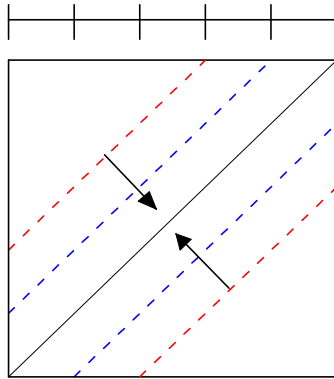
2. Pleat in fifths.
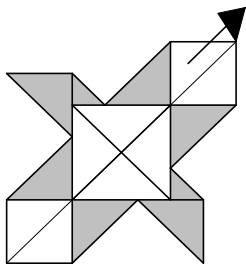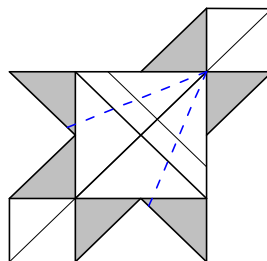
3. Fold in half.

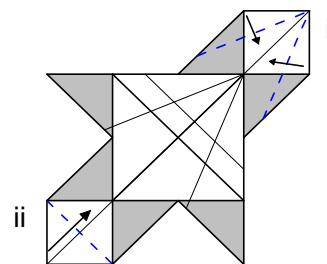4. Fold wing in half.
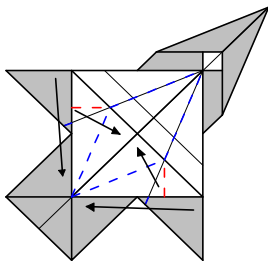
5. Turn over.

6. Open as indicated.
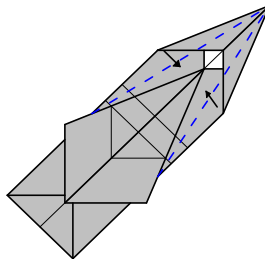
7. Pull point out.

8. Fold and unfold.
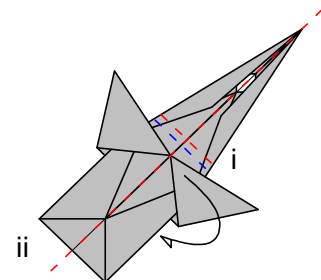
9. i fold edges in.
   ii fold point up.

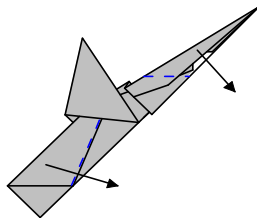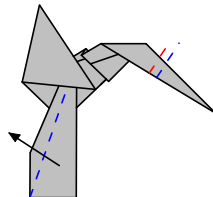## Birds of the Sun God by Hisa Amimoto
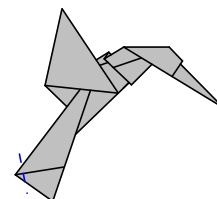
10. Make rabbit ears.

11. Fold edges in.

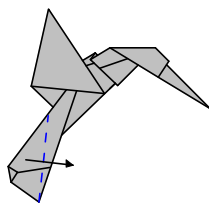12. i Make a small pleat.
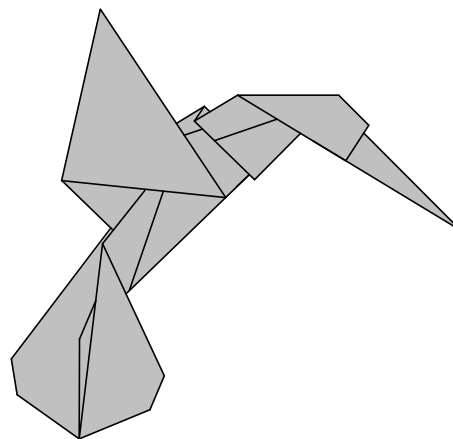   ii Fold in half.

13. Two outside-reverse folds.

14. Pleat beak.
    Fold tail flaps
    up on both sides.

15. Fold corner of tail
    on both sides.

16. Fold one layer of tail over.

The completed "Bird of the Sun God"

Simple Lobster by Joshua Koppel

Begin witha a small square with the desired side up.
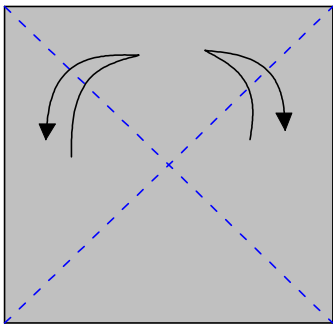
1. Fold and unfold diagonals then turn over.
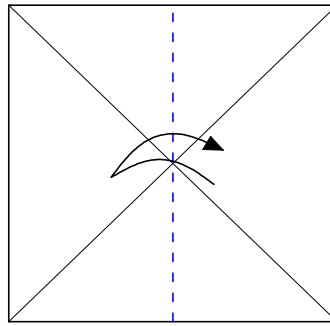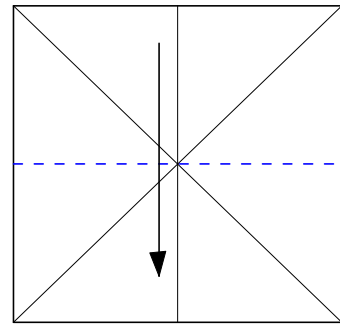
2. Fold and unfold.

3. Fold in half.
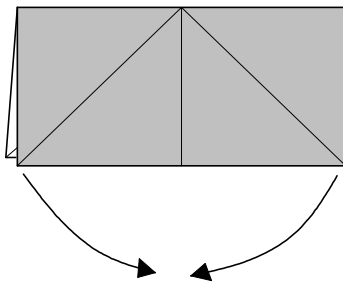
4. Colapse into a preliminary fold.
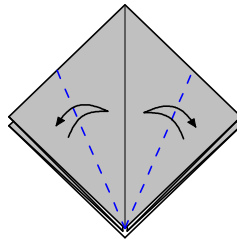
5. Fold and unfold, repeat behind.
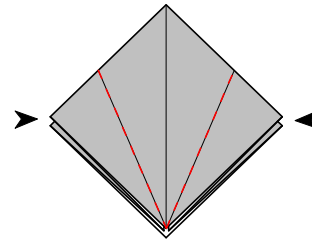
6. Sink 4 points.
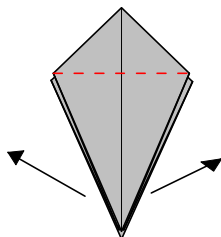
7. Open out while stretching the top flap...
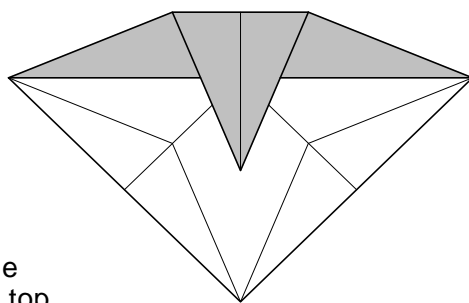
... like so.
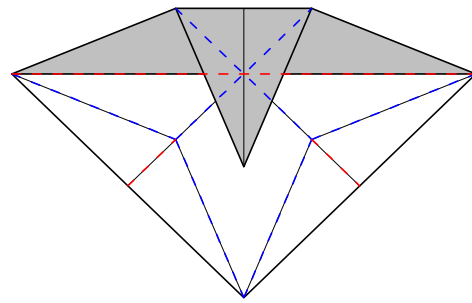
8. Reform the preliminary fold.

Simple Lobster by Joshua Koppel
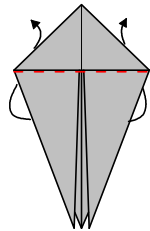
9. Inside-reverse fold.
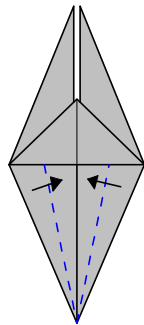
10. Fold to center.
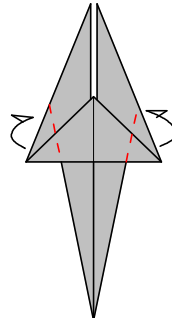
11. Mountain fold behind.
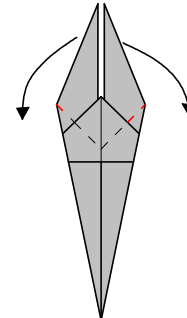
12. Inside-reverse fold.
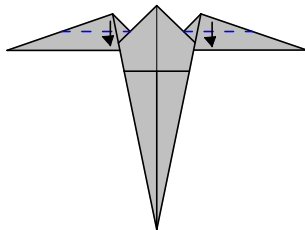
13. Fold down. Repeat behind.
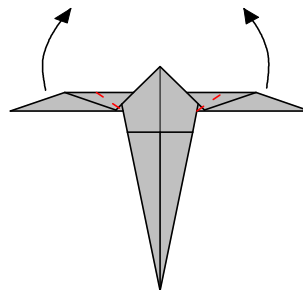
14. Inside-reverse fold.
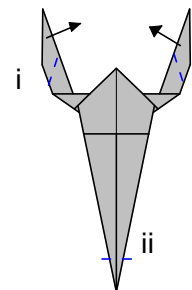
15. i Outside-reverse, don't crease.
    ii Fold and unfold tip.
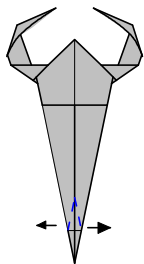
16. Open out and bring tip up.
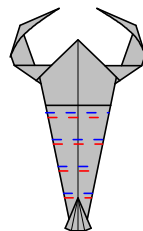
17. Pleat fold.
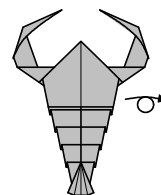
18. Turn over.
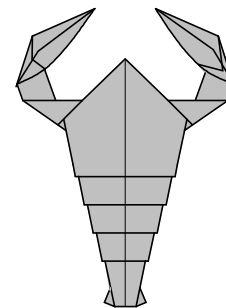
The completed Lobster!

Simple Scorpion by Joshua Koppel

Begin witha a small square with the desired side up.
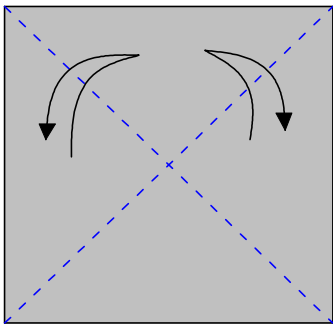
1. Fold and unfold diagonals then turn over.
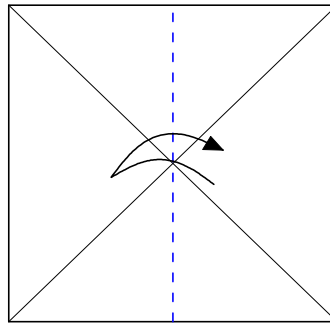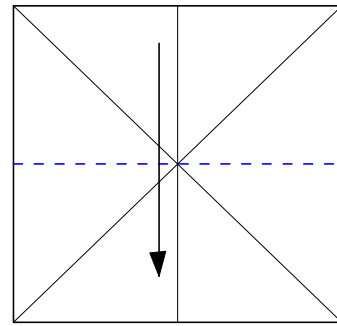
2. Fold and unfold.

3. Fold in half.
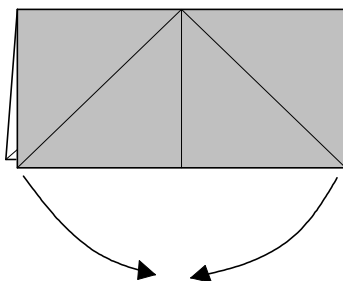
4. Colapse into a preliminary fold.
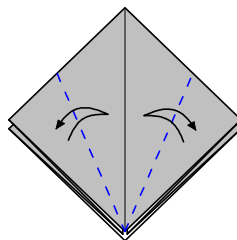
5. Fold and unfold, repeat behind.
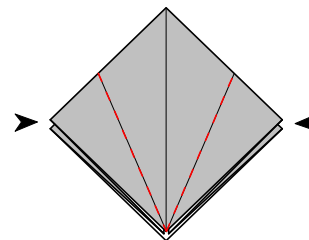
6. Sink 4 points.
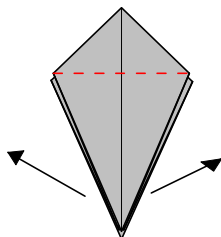
7. Open out while stretching the top flap...
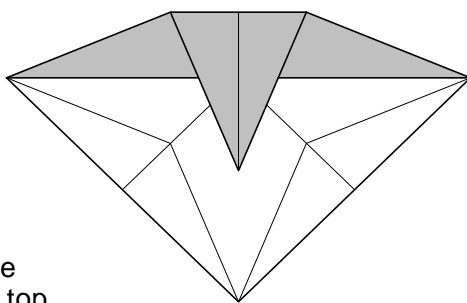
... like so.
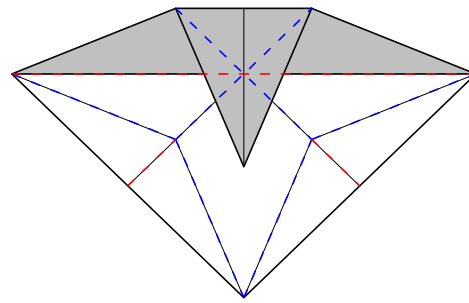
8. Reform the preliminary fold.

Simple Scorpion by Joshua Koppel
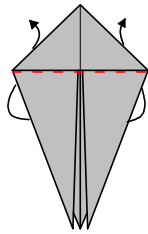
9. Inside-reverse fold.
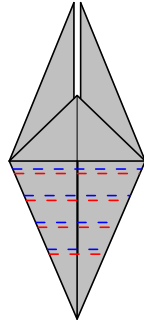
10. Pleat tail.
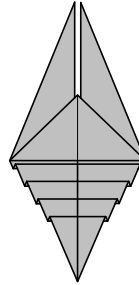
11. Unpleat tail.
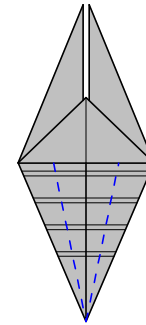
12. Fold edges in.
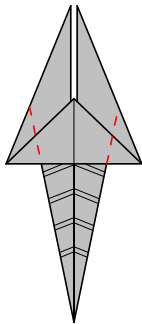
13. Fold points inside.
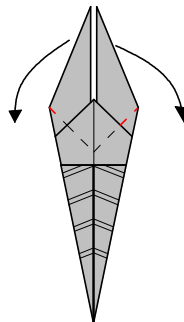
14. Inside reverse points down.
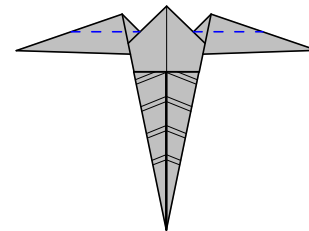
15. Fold corners down. Repeat behind.
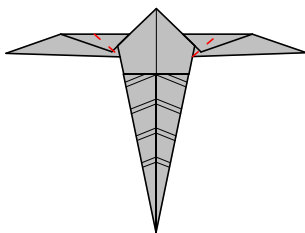
16. Inside reverse points up.
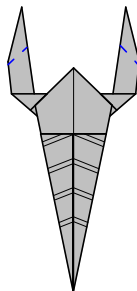
17. Ouside reverse tips.

18 Rabbit-ear stinger.

19. Curl tail to finish.

Parrott in Flight by Joshua Koppel

Begin with a square of paper with the desired side down.
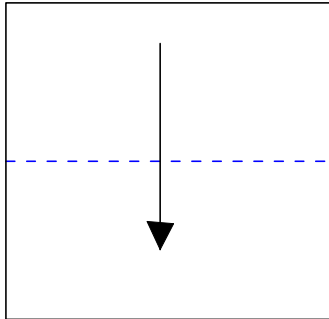
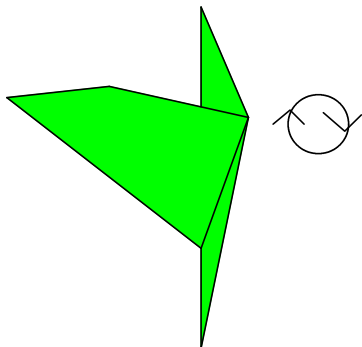1. Fold in half.
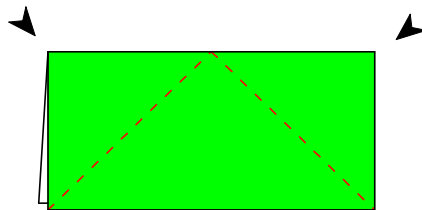
2. Sink corners.
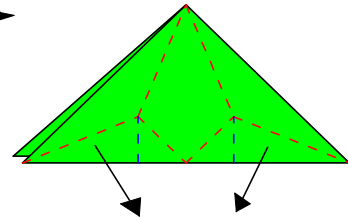
3. Inside rabbit ear down.
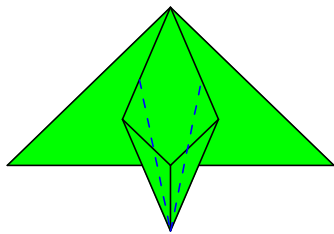
4. Fold edges to center.
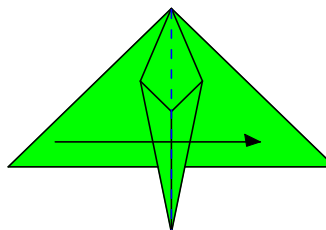
5. Fold in half.
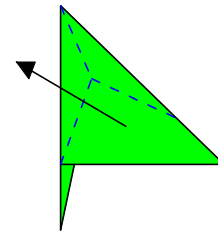
6. Rabbit ear both sides.

7. Rotate.
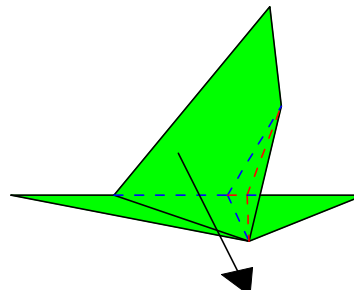
8. Fold wings down while crimping front edge.

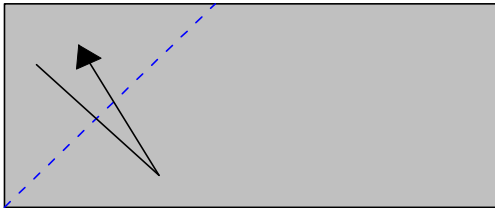## Parrott in Flight by Joshua Koppel
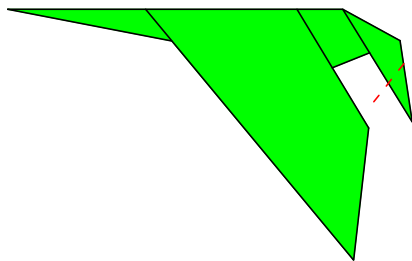
9. Outside reverse beak.
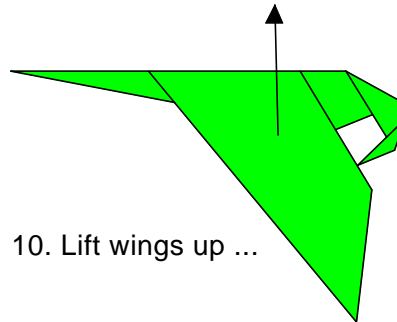
10. Lift wings up ...
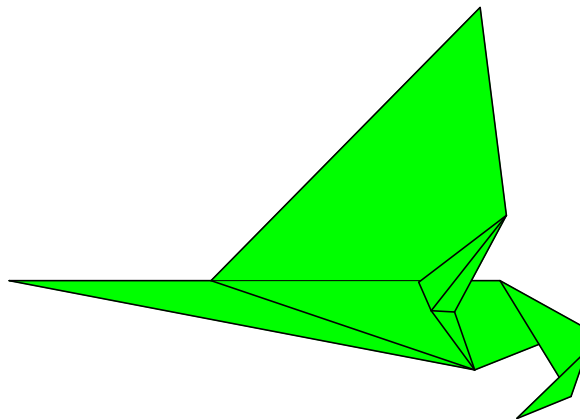
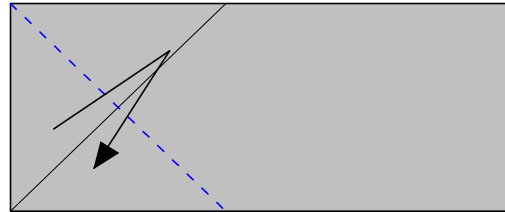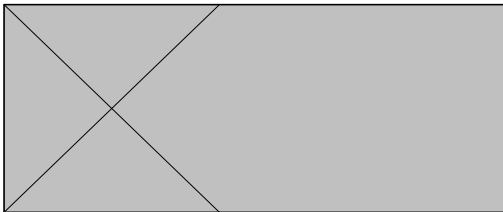... and fly! The completed Parrott in Flight.

Simple $ Fish by Joshua Koppel

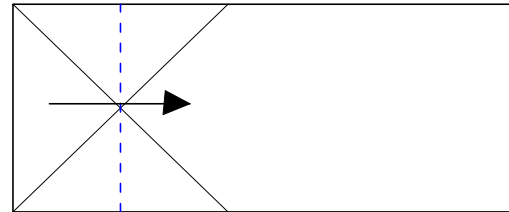Begin with a dollar with the desired side up.
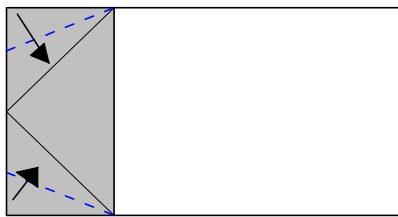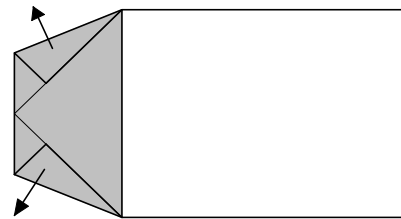
1. Fold and unfold.

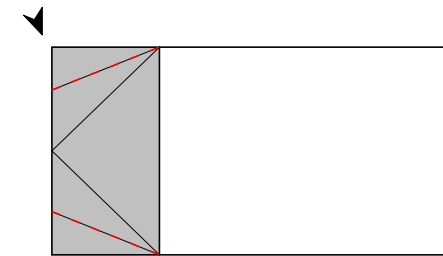2. Fold and unfold.
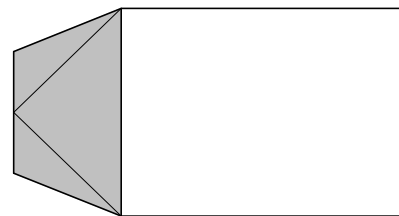
3. Turn over.

4. Fold through intersection.
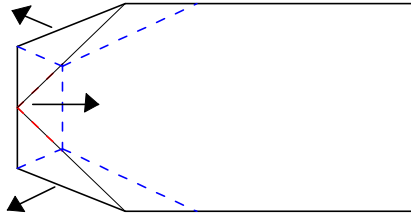
5. Fold edges to creases.

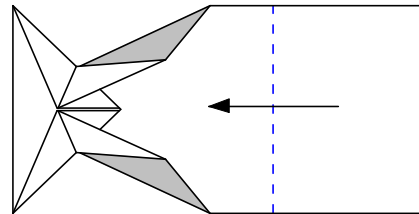6. Unfold last step.
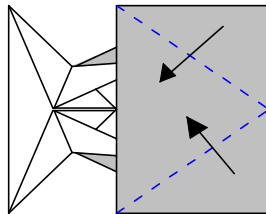
7. Sink along existing creases.

8. Turn over.
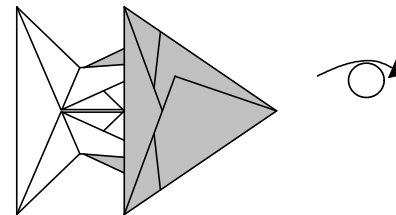
Simple $ Fish by Joshua Koppel

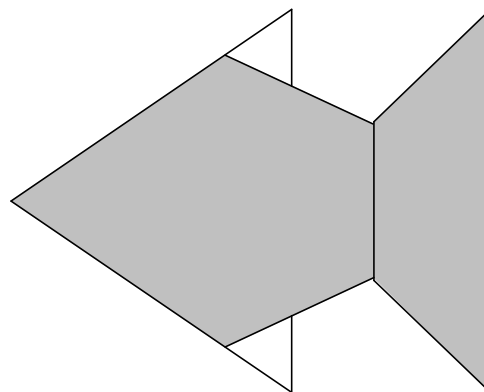9. Fold along lines as shown so back flap flips out.

10. Fold over.

11. Fold corners in.

12. Turn over.

The completed Simple $ Fish!