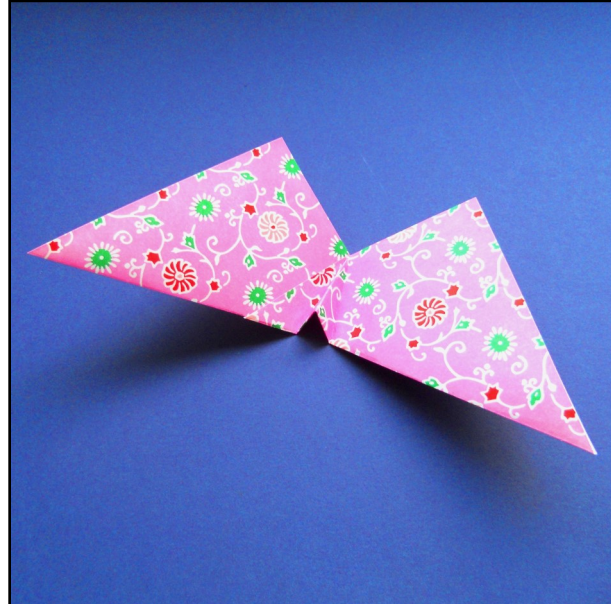


Naive Butterfly

Designed by David Mitchell

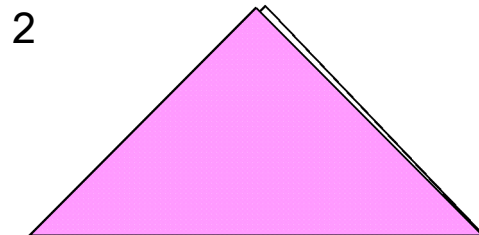
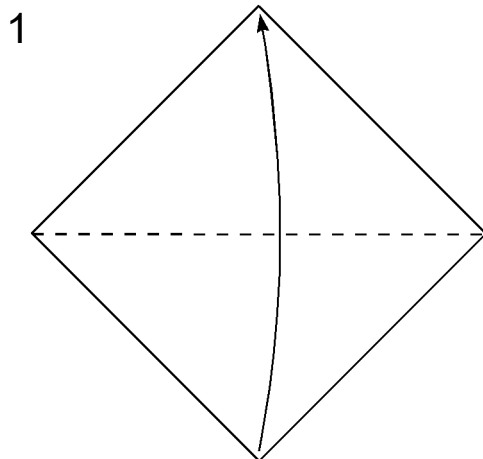
This simple butterfly is an active play paperfold made from two squares of paper. It can be made to flap in two entirely different ways. The quality of the flapping action is enhanced by the large size of the wings.

I use the term 'naive' to describe designs which are made from multiple sheets of paper and meet a number of other restrictive design criteria. Details of these criteria can be found on the Naive Designs page of my website.



Naive Butterfly was designed in 2002.

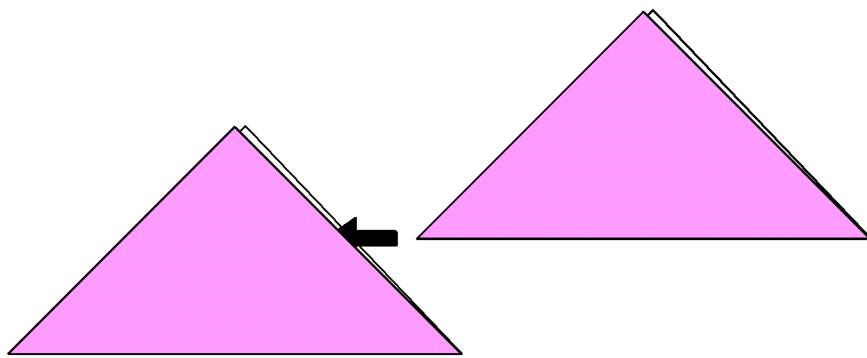
You will need two squares of paper. Any kind of paper can be used.



1. Fold your first square in half upwards.

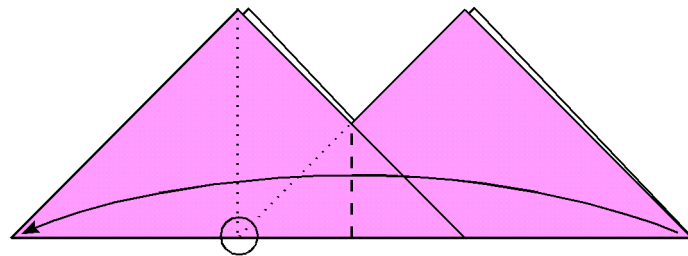
2. Prepare both squares to this point.

3



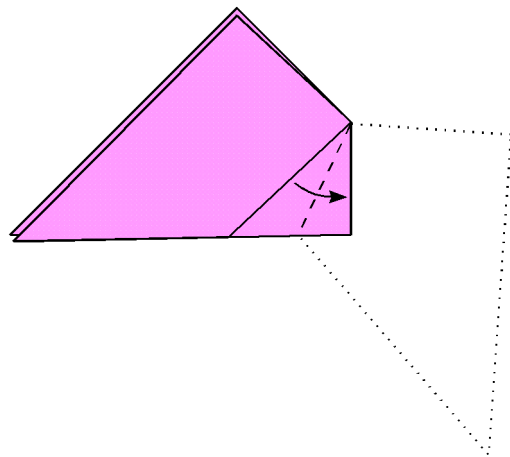
3. Insert one sheet inside the other so that the result looks like picture 4.

4



4. The dotted lines show the approximate relative positions of the two sheets. It is not necessary to be completely accurate about this. Fold in half sideways as shown.

5

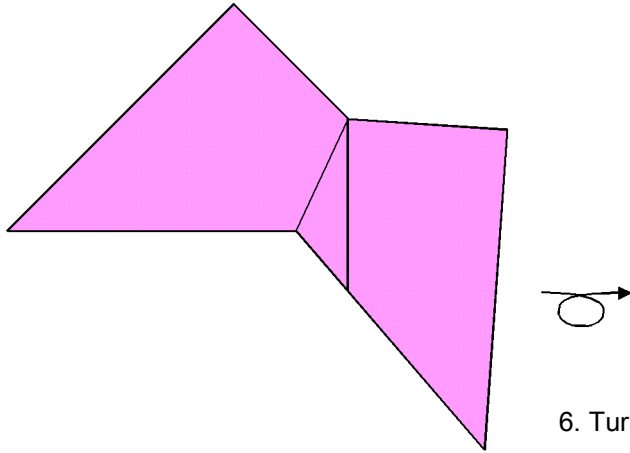


5. Fold the front layer in half as shown so that the front wing moves to the position marked by the dotted line.

2

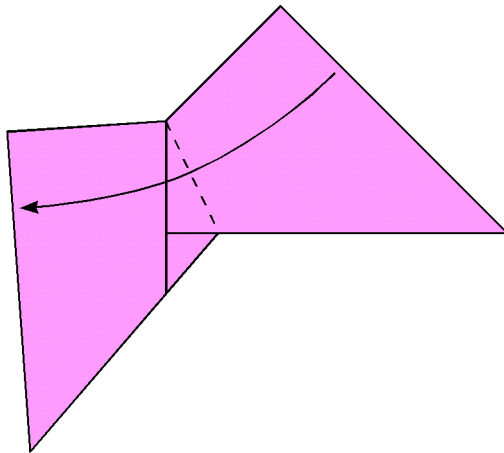
David Mitchell / Naive Butterfly

6



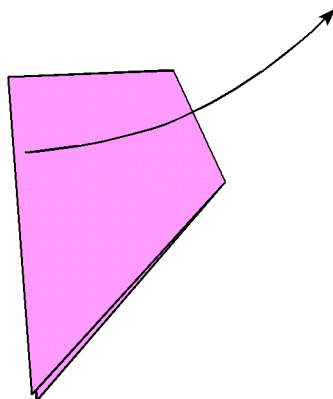
6. Turn over sideways.

7



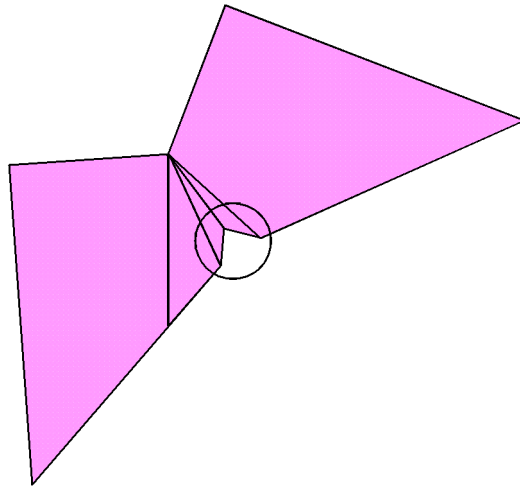
7. Fold the right wing on top of the left wing.

8



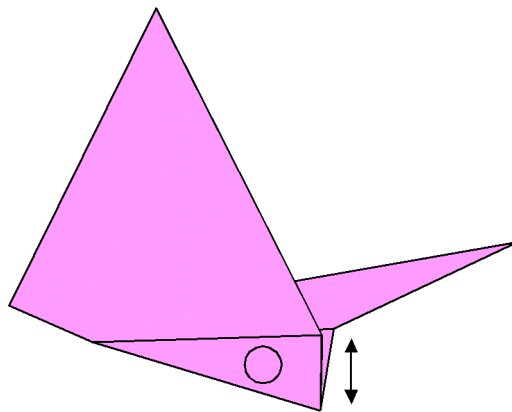
8. Unfold and allow the body to open out slightly.

9



9. Your Naive Butterfly is finished. Place it on a flat surface and raise the wings slightly. Press down on the head (marked with a circle here). The wings will lift further. By alternately pressing on the head and then releasing the pressure the wings can be made to flap.

10



10. Alternatively turn your Naive Butterfly upside down and hold at the position marked with the circle. If you alternately raise and lower your hand the pressure of the air on the wings will make them flap.