



## Tutorials

Print-Edition

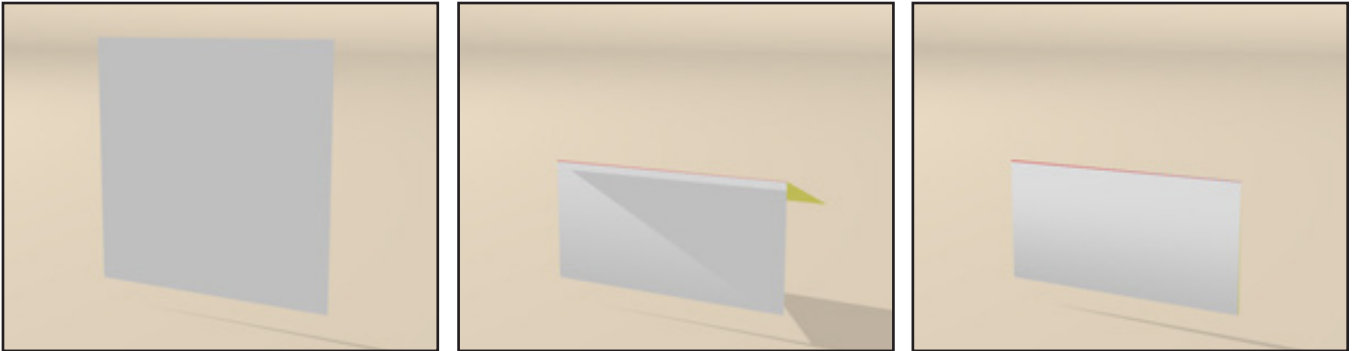
### **BASIC FOLDINGS**

- Mountain Fold
- Valley Fold
- Inside Reverse Fold
- Outside Reverse Fold
- Petal Fold
- Rabbit Ear Fold
- Crimp Fold
- Sink Fold
- Squash Fold

## MOUNTAIN FOLD

This folding step is often not used because it is easier to turn the figure which should be formed around and do a valley fold.

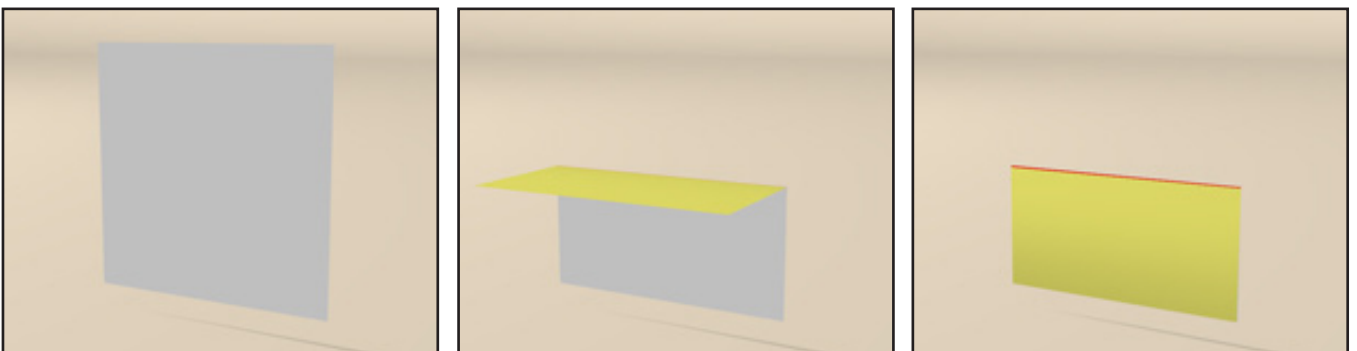
But doing a mountain fold means, that you fold the halves away from you. There will be a small 'mountain' if you put the paper on a table. The folding sticks up.



## VALLEY FOLD

This folding step is used quite often. It is the same as the mountain fold in principle.

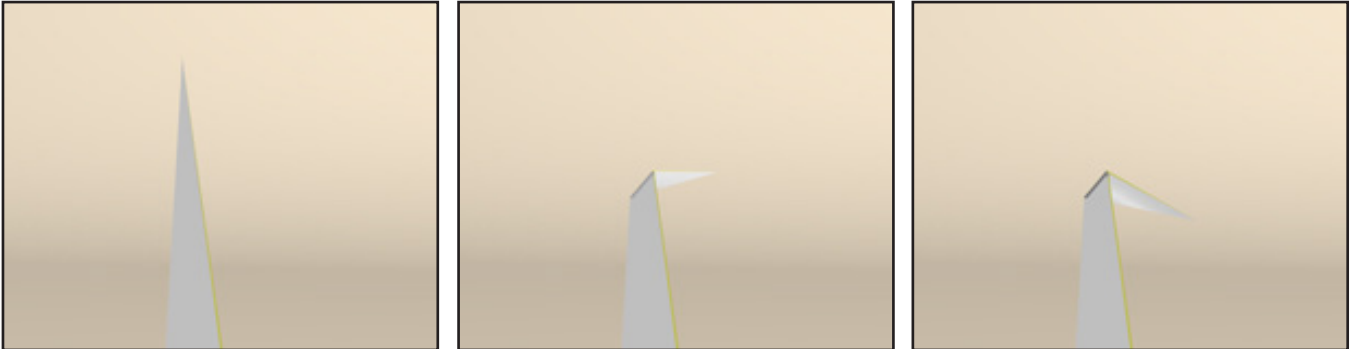
But doing a valley fold means, that you fold the halves towards you. There will be a small 'valley' if you put the paper on a table. The folding is lower than the rest of the paper.



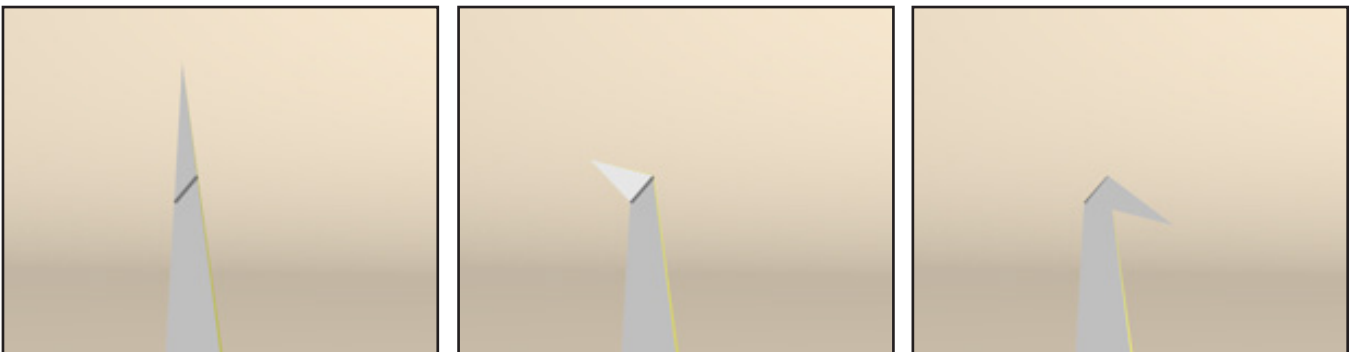
**INSIDE REVERSE FOLD**

After you have done a valley and a mountain fold with both sites of the piece of paper, open the model just a little bit and fold the cusp to its front. Don't forget to flatten the edges afterwards.

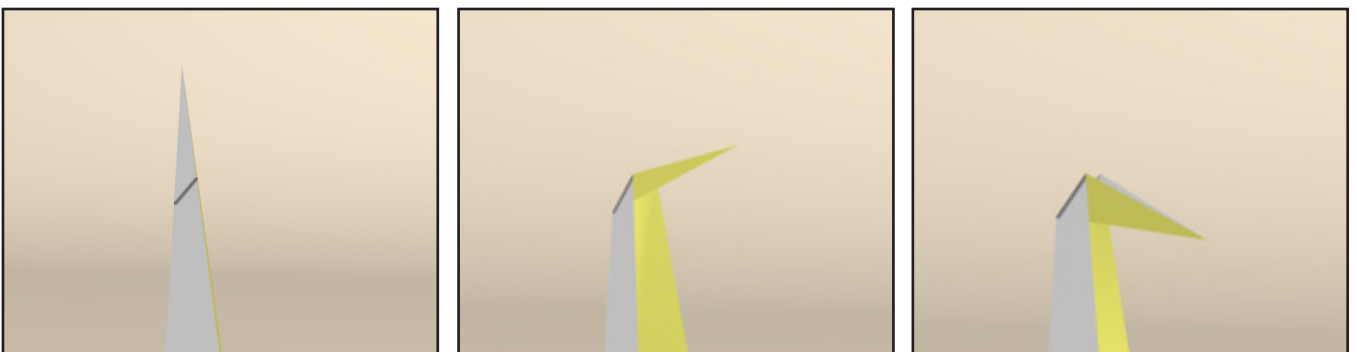
Step #1:  
Mountain fold



Step #2:  
Valley fold



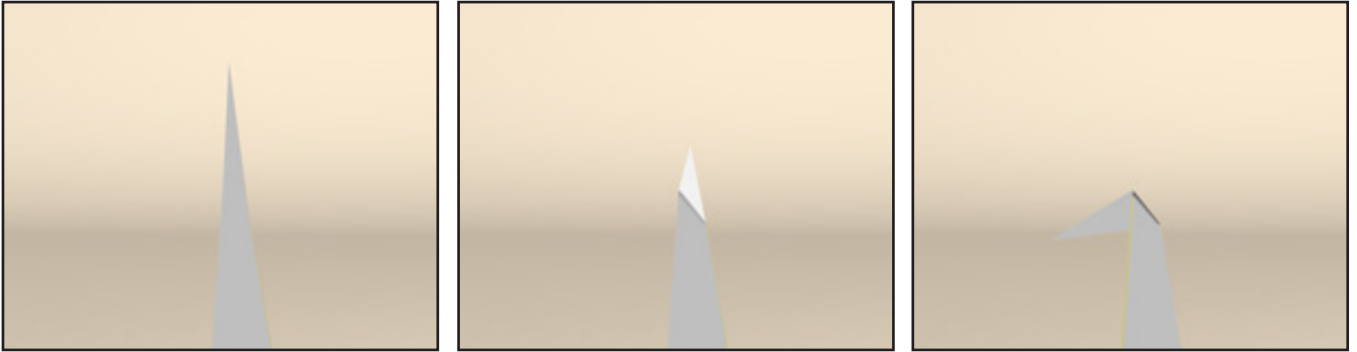
Step #3:  
Open the model a little bit while you are folding the cusp to its front.



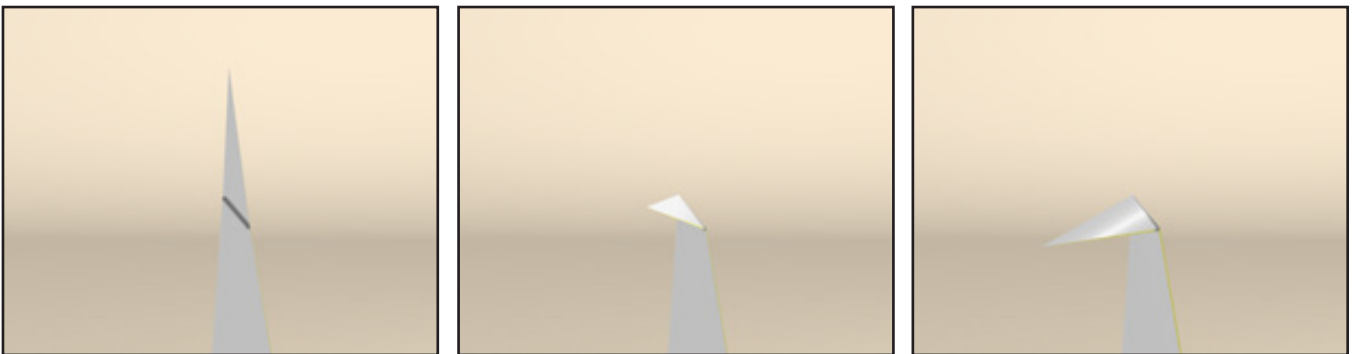
**OUTSIDE REVERSE FOLD**

After you have done a valley and a mountain fold with both sites of the piece of paper, open the model just a little bit and fold the cusp backwards. Don't forget to flatten the edges afterwards.

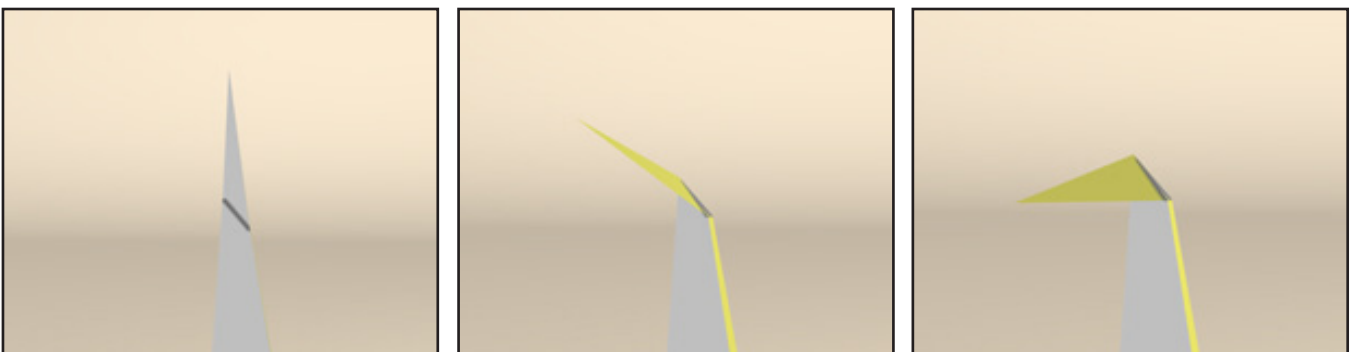
Step #1:  
Mountain fold



Step #2:  
Valley fold



Step #3:  
Open the model a little bit while you are folding the cusp to its back.

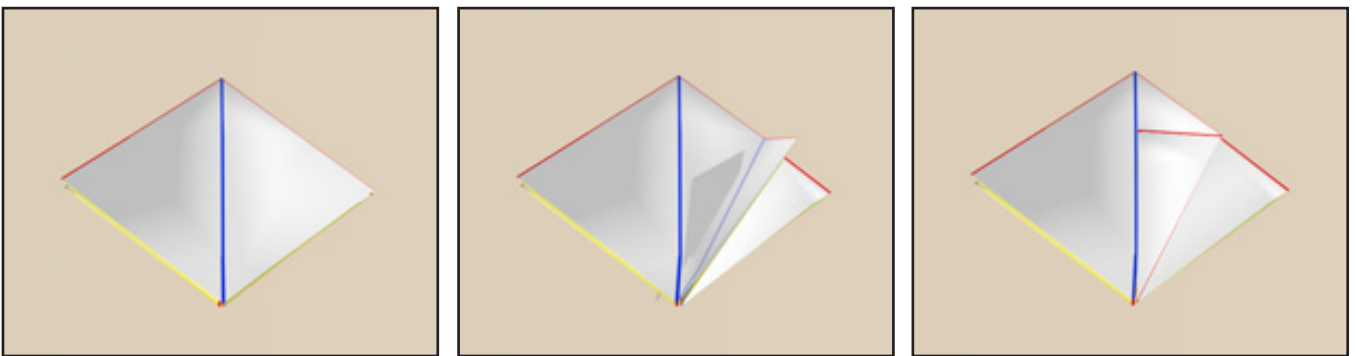


**PETAL FOLD**

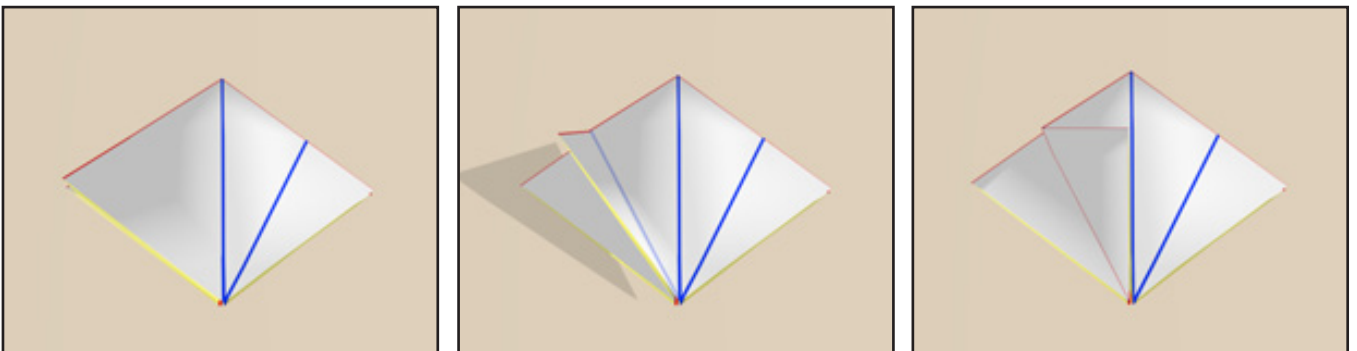
The petal fold is often used by folding the swan.

After you have folded e.g. the preliminary base, fold the raw edges to the vertical center line and open them again. Then do a valley fold with the upper part down over the horizontal line between the new created vertices. After you have redone it, raise the bottom point and fold it to the back so that the side points can come together.

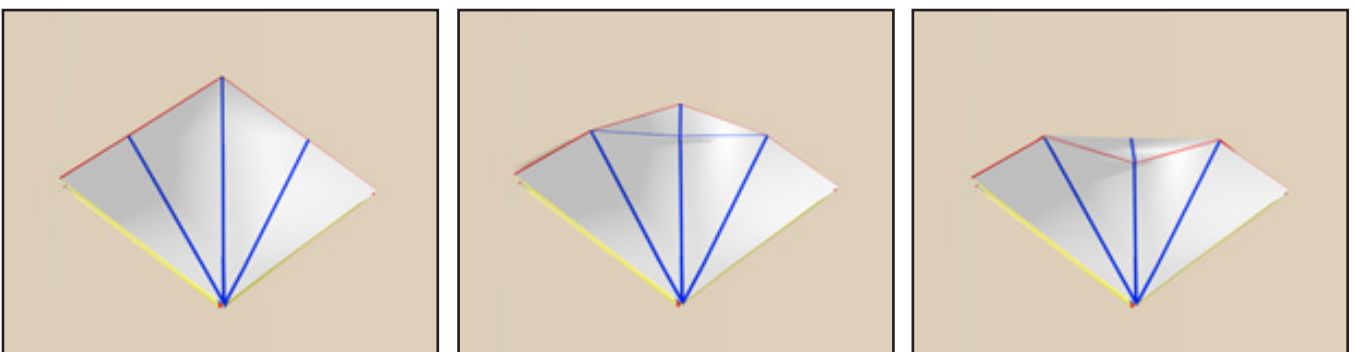
Step #1:  
Valley fold



Step #2:  
Valley fold

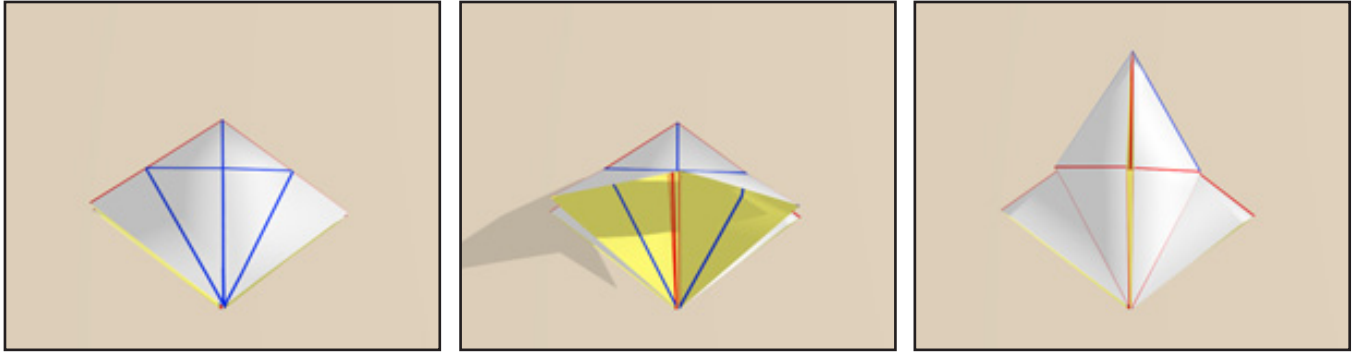


Step #3:  
Valley fold



## PETAL FOLD

Step #4:  
Open the upper layer and flat fold it.

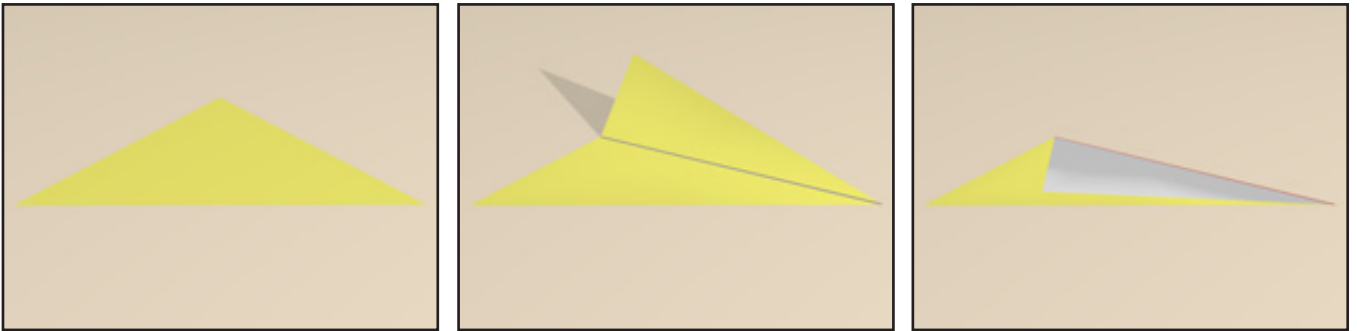


## RABBIT EAR FOLD

The rabbit ear fold is a method for raising a point from a triangular shape - to pinch a corner of the paper in half to form a new point.

The final result looks like a rabbit ear.

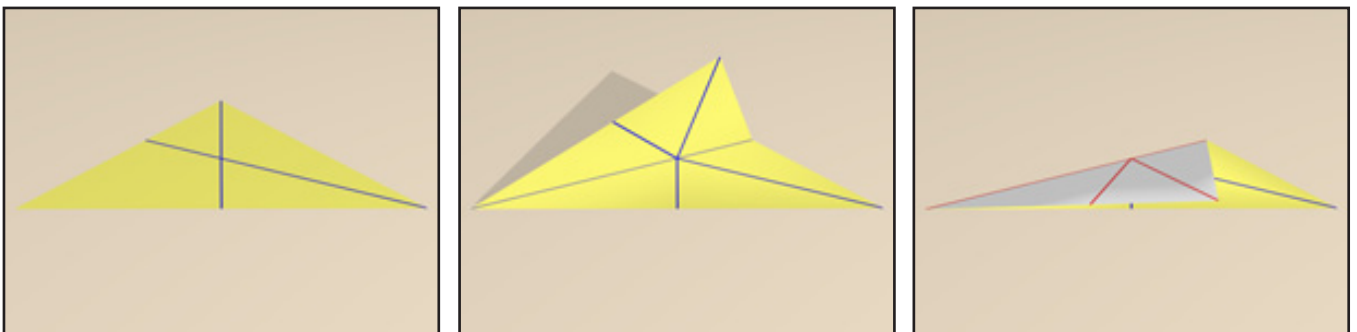
Step #1:  
Valley fold



Step #2:  
Valley fold

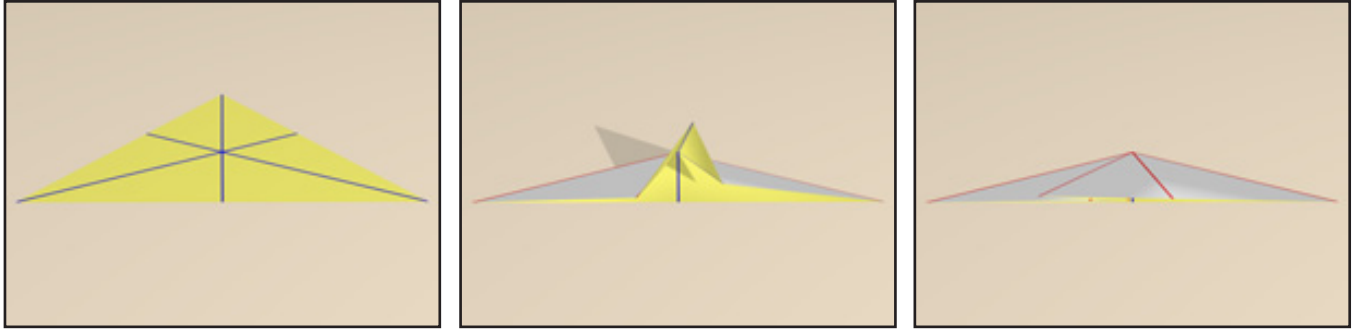


Step #3:  
Valley fold



## RABBIT EAR FOLD

Step #4:  
Valley fold

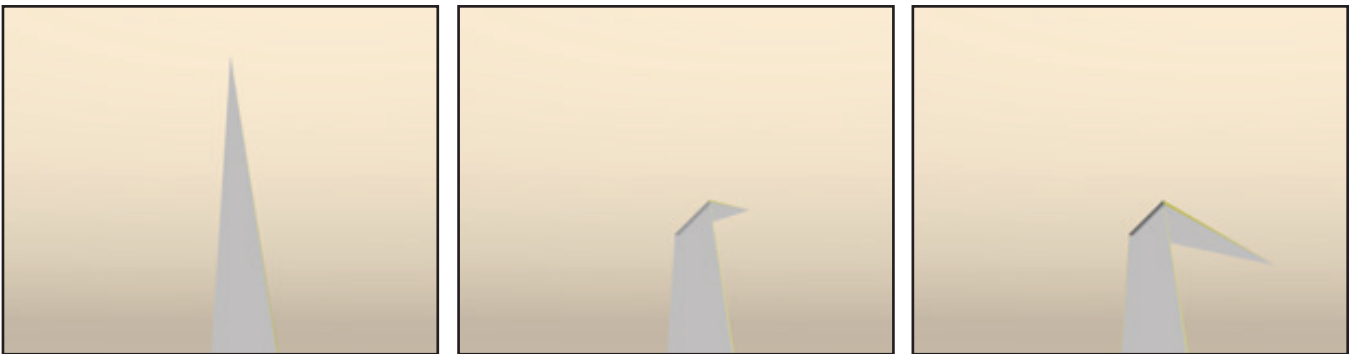


**CRIMP FOLD**

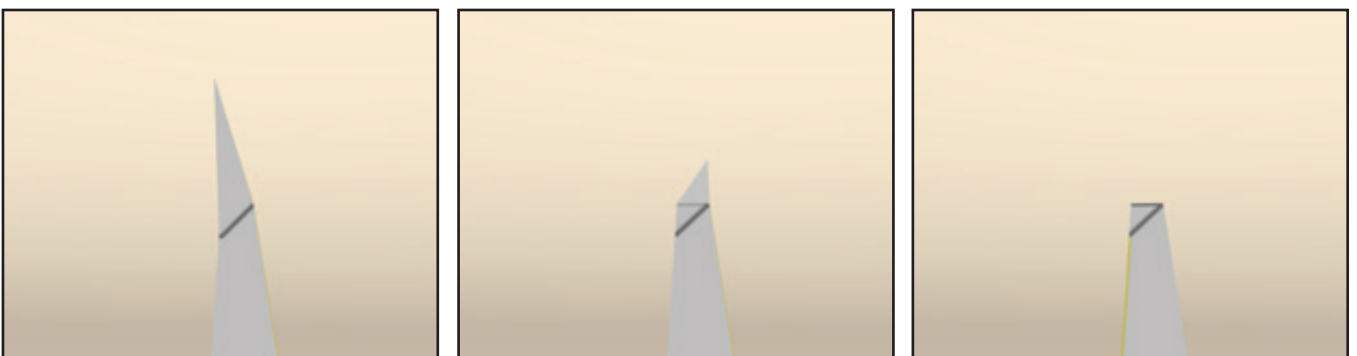
The crimp fold is made up of two breaklines which will be folded inwards against each other. If you want to do a crimp fold do first a swivel fold and a horizontally valley and mountain fold so that the folding meets the first at the spine. Open it slightly and push the piece of paper below the swivel fold between the layers of the other half.

The bend depends on the chosen angle. The bigger the angle between the two foldings is the larger the bend will be.

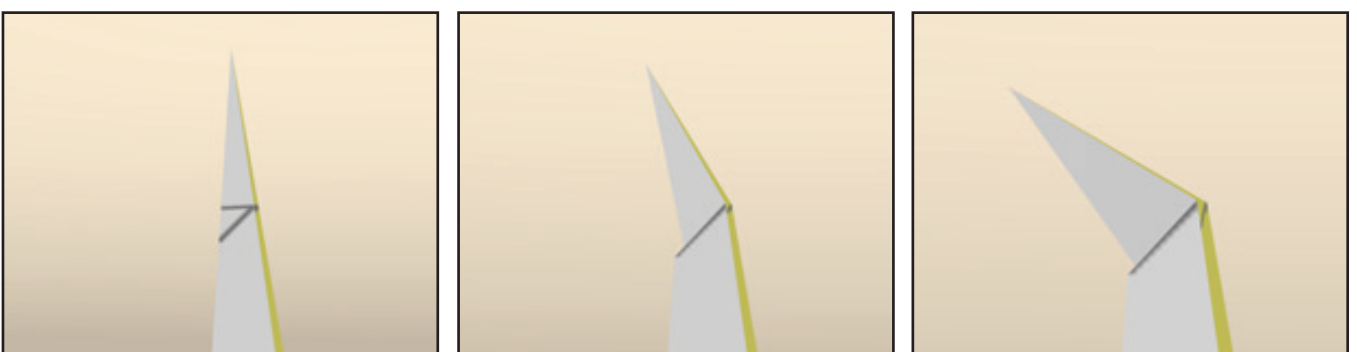
Step #1 & step #2:  
Mountain fold & valley fold



Step #3 & step #4:  
Mountain fold & valley fold



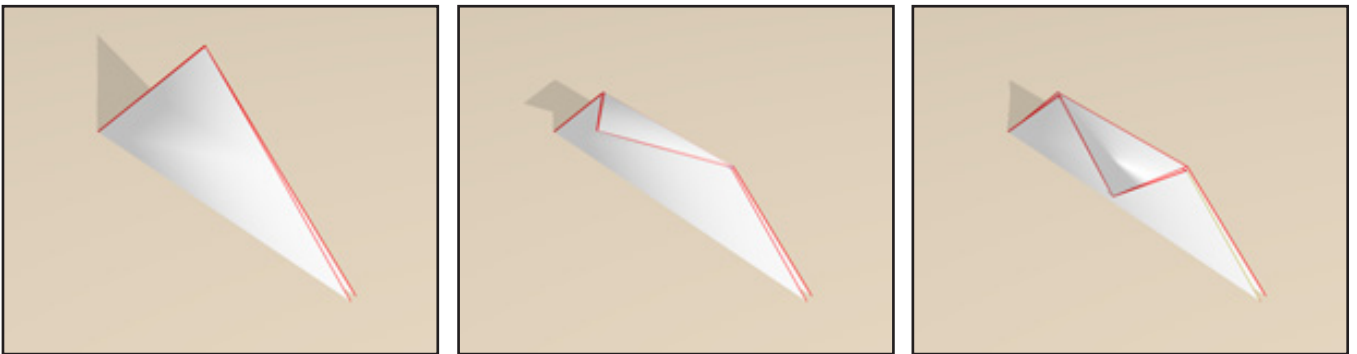
Step #5:  
Fold the upper part into the lower.



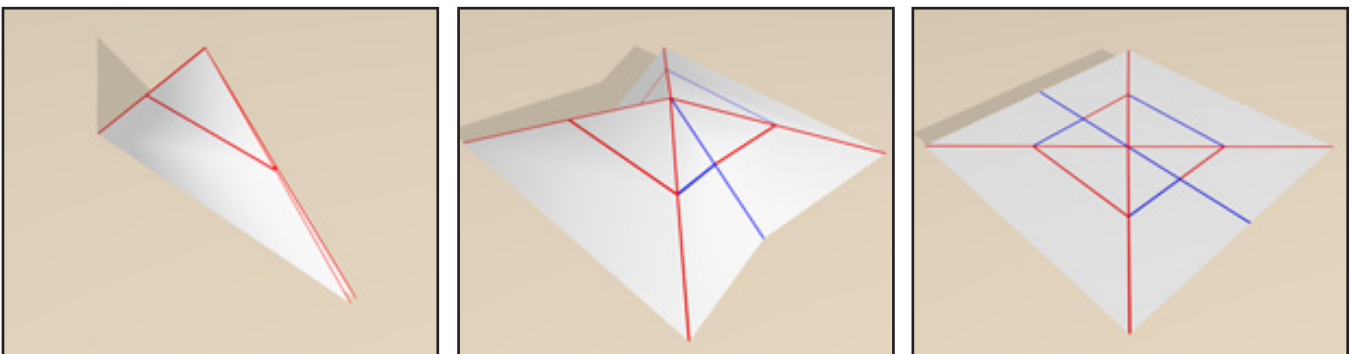
**SINK FOLD**

Doing a sink fold means to push a point/edge inside the model.  
 The fold at the beginning of this animation is the waterbomb basic fold. After you have folded this figure do a valley and mountain fold at the upper part of the triangle. Open the paper as far as you need for pushing the center point down and for closing the whole figure again.

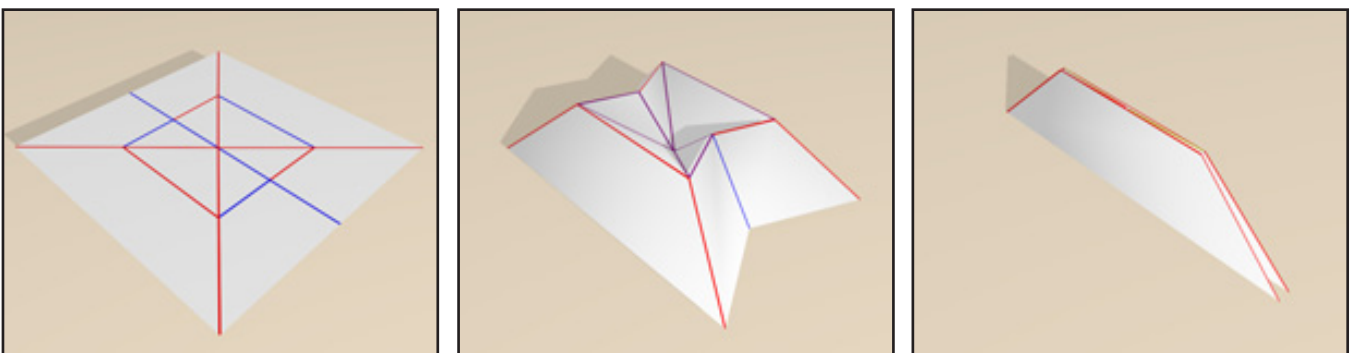
Step #1 & step#2:  
 Valley fold & mountain fold



Step #3:  
 Open the folded paper



And fold it together afterwards by pushing the centre point down.



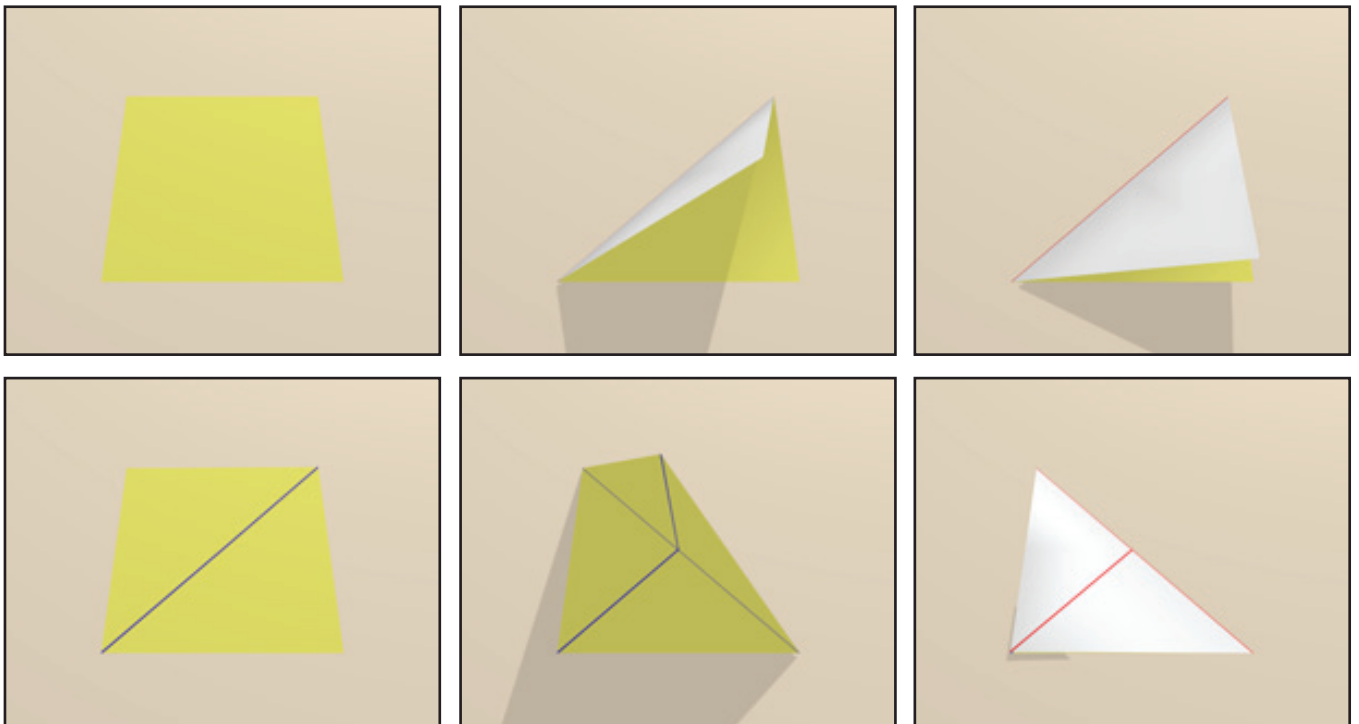
**SQUASH FOLD**

The squash fold can be done at every time of folding a figure if it is needed. This animation shows you folding a squash fold with an unfolded paper.

After you have fold the paper in half (after two valley foldings), do again a mountain and valley fold, put it back on the table. Open the prefolded side and fold flat it.

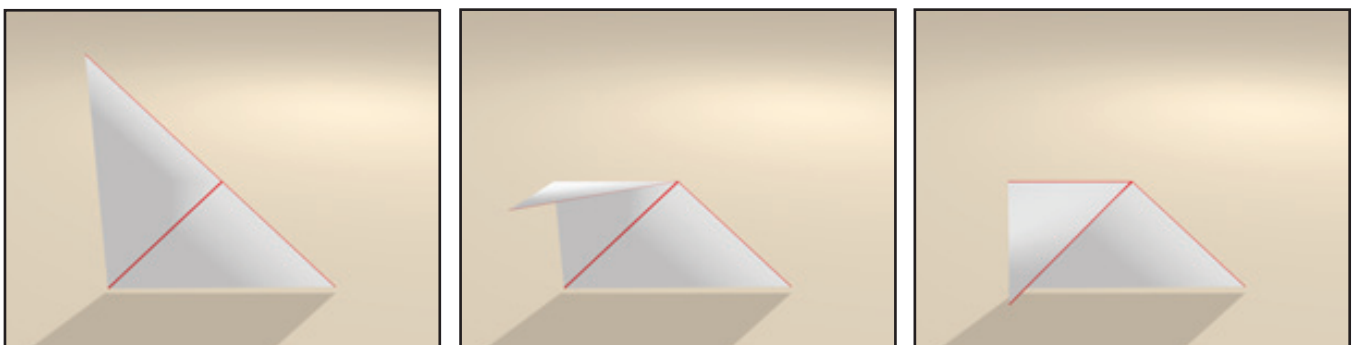
Step #1 & step #2:

If the paper isn't folded already, you need to do the following two steps for being able to do the squash fold.



Step #3 & step #4:

Mountain fold & valley fold



## SQUASH FOLD

Step #5:  
Open the prefolded side and fold flat it.

