

I. Instructions

Apart from this pop-up cards ebook, please have the following materials prepared beforehand to proceed the handcrafting:




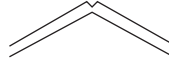

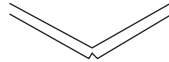

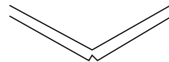



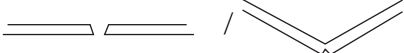
- ✧ Card paper (A4 or Letter-size, weighted around 160 – 200 grams)
- ✧ Plain paper (A4 or Letter-size for printing out pattern sheets)
- ✧ A printer

Please also be recommended to use the hand tools below:

- ✧ a very sharp knife (Xacto knife)
- ✧ a steel ruler
- ✧ a cutting mat (preferably with grid-lines)
- ✧ a pair of tweezers
- ✧ glue, tapes or double sided tapes

Legends

Note that there are 6 types of lines printed on the “Pattern Sheet” distinguishable of their respective functions:

Black cut-line		
Mountain fold-line		
Valley fold-line		
Main fold-line		
Green cut-line(borderline)		
Cut-line/Main fold-line		

Step 1. Prepare the “Pattern Sheet”

✧ Select a card pattern and print it on a piece of plain paper as the “Pattern Sheet”.

Tips: (i) If you are new to this, please choose a simple pattern to start with first;

Step 2. Attach the “Pattern Sheet” to the card paper

✧ Place the “Pattern Sheet” on the card paper;

✧ Use tapes or double sided tapes to fix the “Pattern Sheet”. Note that the tape should be applied to the area outside the **green cut-line** which delineates the “**borderline**”.



Step 3. Handle the black cut-lines

✧ First, handle the cutouts;



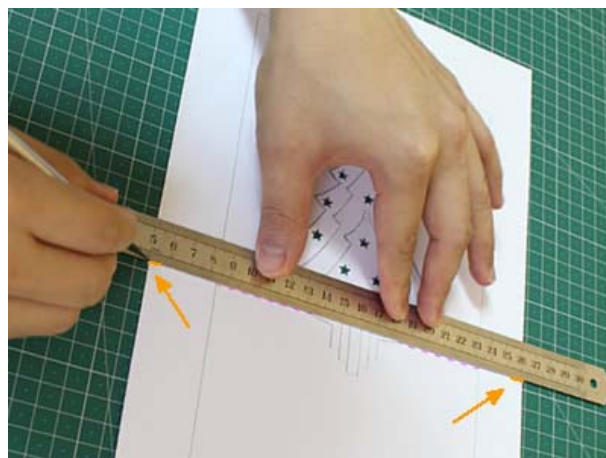
✧ Then cut all other **black cut-lines** along.

- Tips:
- (ii) Always use a new sharp blade;
 - (iii) Carefully and slowly follow the cut-lines to perform the cutting;
 - (iv) In some cases, several cuts are required for a curved line.

Step 4. Positioning and marking the main fold-lines

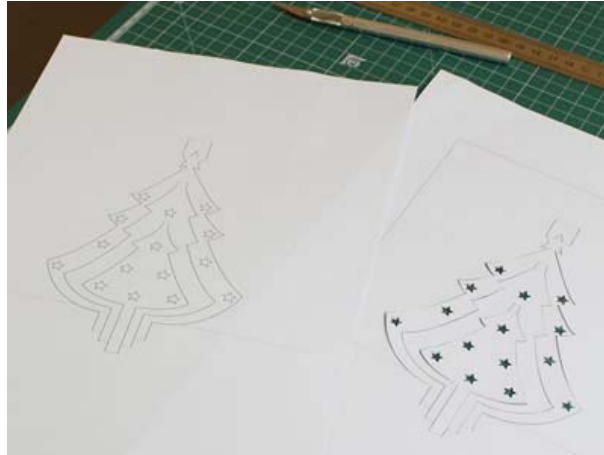
✧ Align the **main fold-lines** with a steel ruler;

✧ Cut a depth of **1mm – 2mm** from both of the paper edges by the steel ruler in alignment with the **main fold-lines** as illustrated in the picture below.



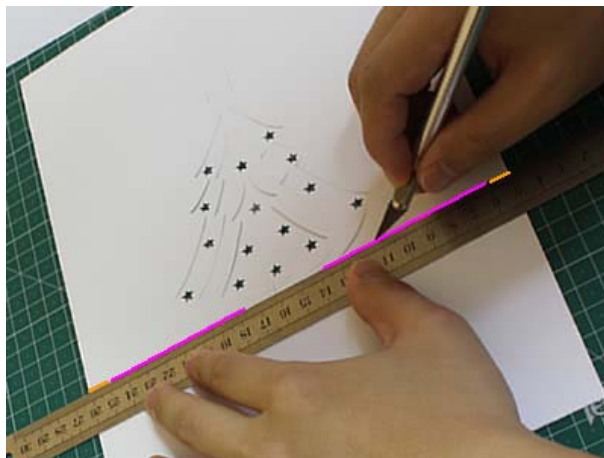
Step 5. Prepare the “Valley Flow-lines Pattern Sheet”

- ✧ Print the corresponding “Valley Flow-lines Pattern Sheet” on a piece of plain paper.

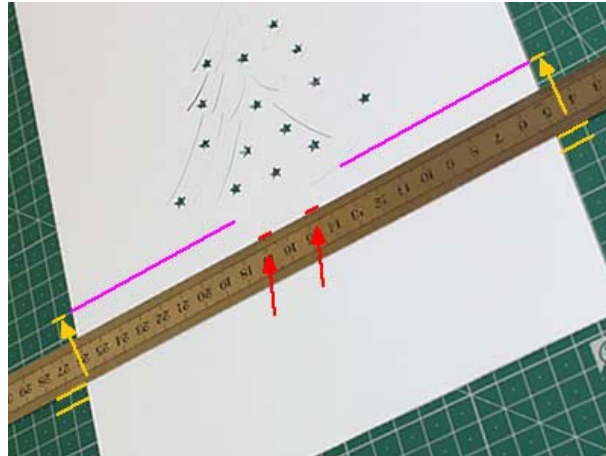


Step 6. Handle the valley fold-lines

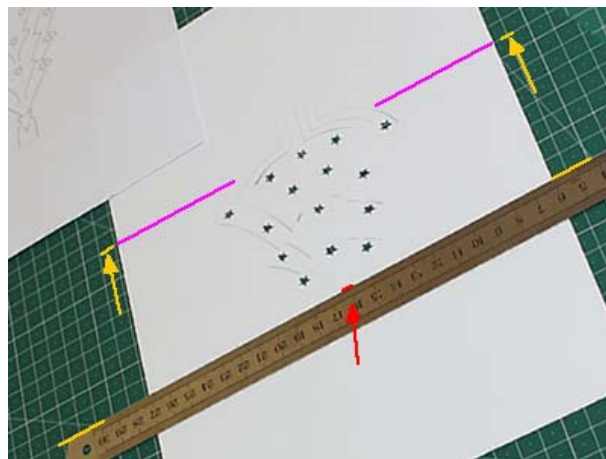
- ✧ By tracing the cutting track you have already created, and comparing it with the “Valley Flow-lines Pattern Sheet” printed in Step 5, you should be able to identify the position of the main fold-lines and those of the valley flow-lines on the back of the card paper;
- ✧ Remember that all valley fold-line cuts must be applied on the back of the card paper;
- ✧ Along the markings created in Step 4, half-cut the main fold-lines on the back of the card paper;



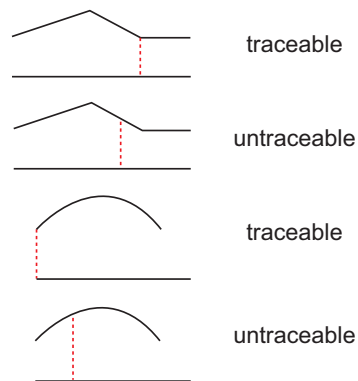
- ✧ If the cutting mat offers a grid, align the **main fold-lines** with a grid-line;
- ✧ **Half-cut** all other **valley fold-lines** in such a way that they all are **parallel** to the **main fold-lines** / grid-line.



- Tips:
- (v) A slightly sharp blade is preferred;
 - (vi) Some **valley fold-lines** can only be cut accurately by rotating the paper by 180°.

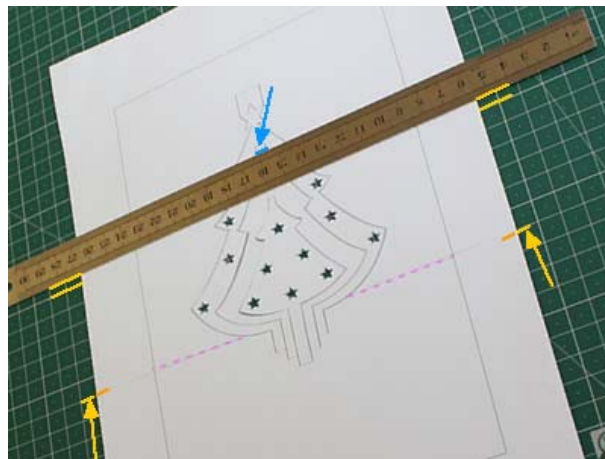


Tip: (vii) In case some **valley fold-lines** that cannot be identified precisely by tracing the cutting track, please apply the method of handling the **main fold-lines**.



Step7. Handle the **mountain fold-lines**

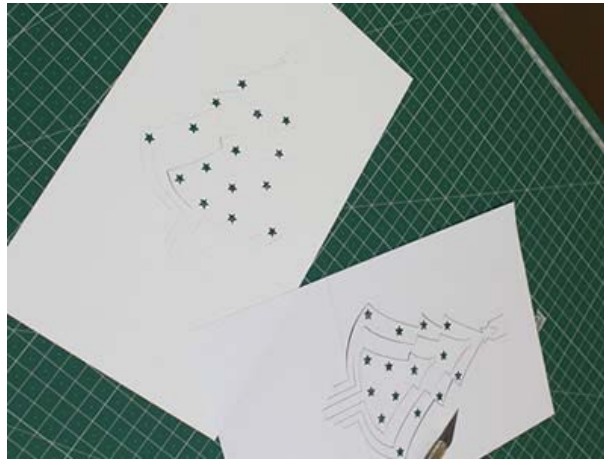
- ✧ If grid-lines are available on the cutting mat, align the **main fold-lines** with a grid-line;
- ✧ Remember that all **mountain fold-line cuts** must be applied on the **front** side of the “**Pattern Sheet**”;
- ✧ **Half-cut** all the **mountain flow-lines** parallel to the **main fold-lines**/ grid-line.



Tip: (viii) A slightly sharp blade is preferred.

Step 8. Cut the green cut-line (“borderline”)

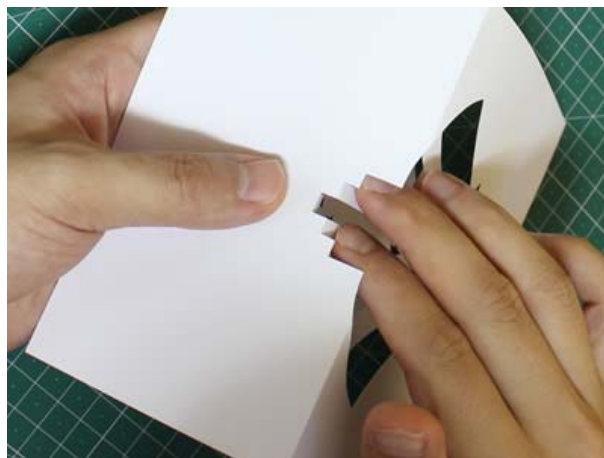
✧ Cut along the **green cut-line** or cut according to your preferred size.

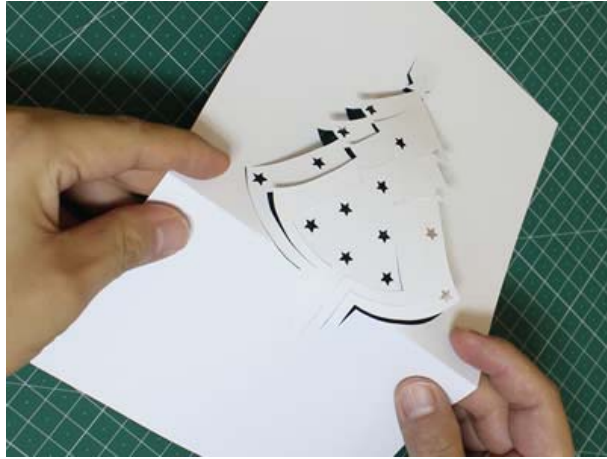


Step 9. Fold the card model

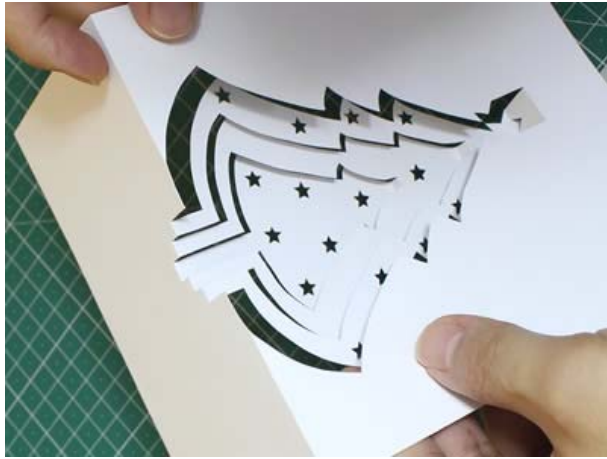
✧ Before starting to fold, make sure that all cuts are well finished and all fold-lines are ready;

✧ As a preliminary step, try to slightly fold the left(top)-most **valley fold-line(s)**, the right(bottom)-most **valley fold-line(s)** and the **main fold-lines**;





✧ **Patiently** and **gradually** fold all other fold-lines in their respective directions until the card model comes into shape.



Tip: (ix) Use a pair of tweezers to help folding.



Tip: (x) When two adjacent flow-lines are very close to each other, use a tiny rod to help stabilize the folding direction as shown in the picture below.



Tip: (xi) For some difficult card models, it is necessary to spend one hour or more to fold them in right form.

Step 10. Add a piece of “Color Base Paper”



✧ This is to hold firm the card model and also to add contrast to make the artwork more dimensionally appealing.

Pattern Sheets
of
Origamic Architecture

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/407003040016006122>