



Club Epon

www.clubepson.com.au

Creative Corner

3D Paper Models

Enjoy with your kids and friends the joy of making paper models. With practice you will become an expert!

Materials Suggested (not all required):

For printing:

- An Epson colour ink jet printer
- Epson Matte Paper Heavy Weight A4, Epson Double-Sided Matter Paper A4 or Premium Glossy Photo Paper A4

Use genuine Epson ink and paper to produce the best results.

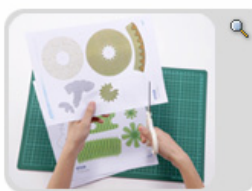
Cutting, folding and gluing:

- o A4 cutting mat (or cardboard) to protect the table
- o Steel ruler to cut and fold in straight lines more accurately
- o Cutting knife for cutting straight lines and intricate shapes
- o Scissors for cutting curves and irregular lines
- o White glue - choose one that dries fast and clear, so it will not affect the appearance of paper models. It's very strong yet cheap
- o All-purpose adhesive - will not be easily absorbed by the paper
- o Double-sided tape - very easy and convenient to use. No glue will overflow
- o Clips or clothes pegs - to hold parts together until the glue is completely dry

Warning: tools such as scissors and cutting knives can be *dangerous*. Children should make paper models only under adult supervision

Instructions:

Download the PDF files provided and double click to open, select your preferred Epson paper and get your tools ready. Then follow the steps below:



Basic steps

- ✦ Roughly cut the sections apart first, then you will have more space for fine cutting without fear of damaging other sections.
- ✦ Cut along the outer line to make gluing more accurate.
- ✦ Identify the piece on the back of the paper to avoid confusion.



Cutting straight lines

- ✦ Use a cutting knife for straight lines unless the line is very short.
- ✦ For cutting long straight lines, it is best to also use a steel ruler.
- ✦ With a sharp blade and the appropriate pressure, use only one cut for each line.



Cutting curves

- ✦ It is easier to cut curves with a pair of scissors.
- ✦ The hand with the scissors should stay still, while using the other hand to rotate the paper along the curve. This avoids accidentally cutting your fingers.

Folding



✦ Trace lines first so that the fold can be made quickly and accurately



✦ For parts that need to be round or rolled, use cylindrical objects like a pen or glass to roll the paper first to give a natural, curved shape.



✦ To make a valley, fold by lifting the paper up and using your fingertips to fold it out.
To make a mountain, fold by lifting the paper up and using your fingertips to bend the paper down.

Gluing



✦ Do not spread the glue directly on to the tab. Squeeze some glue on to non-absorbent paper first, then apply it with a Toothpick.

✦ Apply the glue thinly and evenly. Too much glue takes very long to dry and may overflow.



✦ Position the part accurately and wipe away excess glue before it dries.



✦ Use clips or clothes pegs to hold parts together until the glue dries completely