

**DID YOU KNOW?**

The term origami is a combination of the Japanese words *oru* (to fold) and *kami* (paper).

# Make an origami memory jar

Write your resolutions on a strip of paper and fold them into stars to pop in a jar.

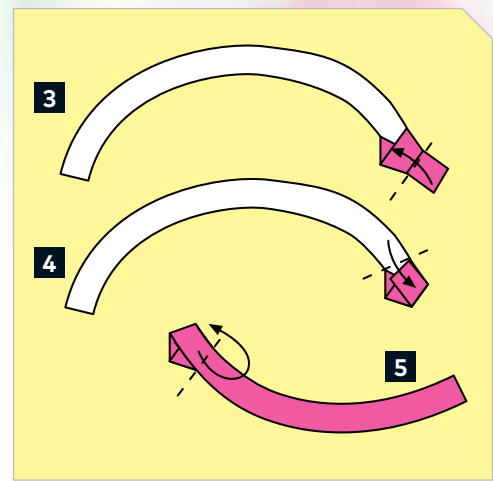
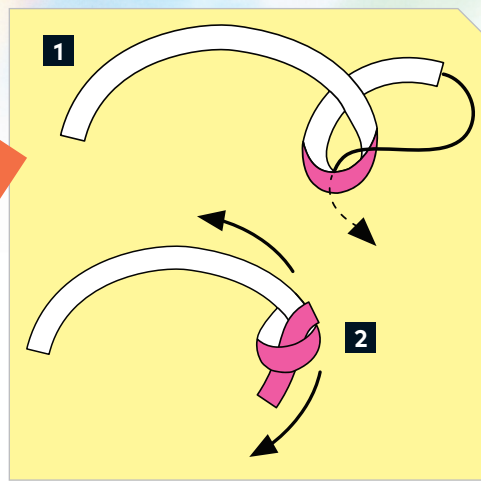
**What you need**

- Coloured paper
- Ruler
- Pencil
- Scissors
- Clean glass jar

**How does it work?**

Origami is the Japanese art of paper folding. It might seem an unlikely skill for engineers and scientists, but the ancient technique is behind lots of new innovations. NASA scientists are designing components that open up like a flower in space, and origami has

inspired pop-up shelters and delicate grabbers for submarines. Also known as "wishing stars", these origami stars are supposed to bring you luck as you fold them. Why not try writing resolutions for friends or family, or memories that you and your mates can open together?

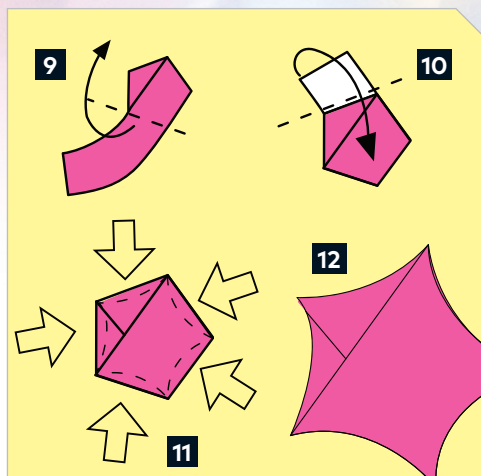
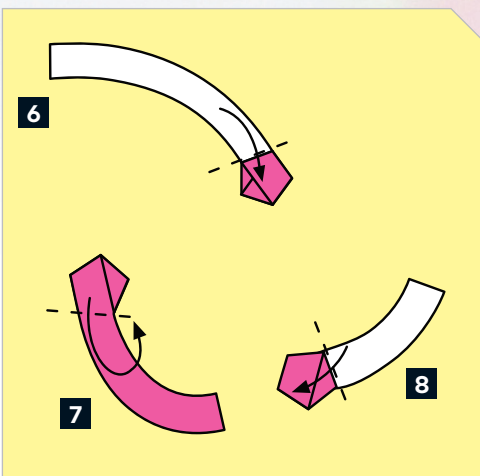


**1** Cut out strips from coloured paper. Each strip needs to measure 29x2cm. Try to keep the edges as straight as possible. Write resolutions, memories or wishes on each piece of paper.

**2** Start with your paper facing colour-side down. Bend one side over the other to make a loop. Then, feed the top end behind and through the hole (1). Next, gently pull the knot tight (2).

**3** Flatten the knot. Start by folding the short end back over the knot (3). Then fold the long end back over the other way (4). Flip over the strip and wrap the long end over (5).





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**4** Continue wrapping up the strip, folding tightly as you go. You should form a small five-sided shape. Repeat these actions, winding the long end of the strip around and around (6, 7, 8).

**5** Wrap until the strip is used up (9). Tuck the end into the flap (10). Then, gently pinch one of the corners between your index finger and thumb (11). Do the same the other corners to form a star (12).

**6** Make as many stars as you wish, and add them to your jar. Throughout 2023, choose a star at random, open it up and read it. See how many resolutions you achieve by the end of the year.