



Become an Inking Artist

Exploring techniques of pop-up and pull-outs

Guidance for teachers:

- You can develop these simple techniques in the classroom to create many different pop-up and pull-out creations. For example your class can design templates of people, buildings, mountains, volcanoes or anything else they can imagine.
- Explore these creative ideas with your class and discuss how they could be turned into template shapes.
- Remember, the principle techniques will remain the same with only the main character or image needing to be redesigned.

A message from Ark artist Liz Smith:

'I wanted to make pop-up cards and pull-out pictures with children this Christmas because they are fun and interesting to make. I love constructing designs in paper because of the immediacy of the material. There is something quite dramatic about the movement and impact of pop-ups and pull-outs. I enjoy the theatricality of how pull-outs move, and I am intrigued by the mechanics involved in making pop-ups. The Christmas Inklings workshops at The Ark give children an introduction to construction skills that they can build on, as well as special awareness. These worksheets show you how to make some of my favourite ideas for pop-up and pull-out cards, and give a taster to some of the techniques that children will explore in The Ark this Christmas.'

The following worksheets outline two of Liz Smith's favourite ideas for pop-up and pull-out constructions. There are simple step-by-step instructions, with cut out templates* to accompany and help visualise* these artistic concepts.

Lots of creative fun can be had in applying these techniques to make festive cards, pictures and stories come to life. Imaginative drawings, colours and collage can be combined to decorate each unique design.

Be inventive and allow your imagination to run wild!

Glossary

Cuff: Strip or band of paper, added here to make the paper stronger

Template: A pattern or stencil

Mechanism Template: A pattern showing how the pull-out moves

Visualise: To picture something in one's mind





Worksheet 1

Create your very own seasonal pop-up card

Here is a creative idea from Christmas Inklings artist Liz Smith to make for friends and family this festive season.

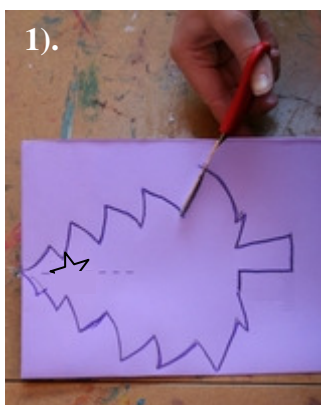
* Scissors are used in the making of this pop-up card. Adult supervision is advised throughout.

Materials:

- 1 sheet of A4 sized colour or white thick paper for printing out template 1
- 1 sheet of A4 sized colour or white thick paper for printing out template 2
- Scissors
- Sticky-tape
- Glue stick
- Colouring pencils or markers to decorate your card

How to Make:

1. Print out template 1 (as attached) on thick white or coloured paper.
2. Cut out the trees (picture 1) and cut along the broken lines too (picture 2).
Top Tip: if you want to colour in or decorate your tree do so now.
3. Slot the trees together so that the 2 half stars meet to make a whole star (picture 3).
4. Flatten the tree and secure where all 4 corners meet with sticky-tape (picture 4).
5. Open your tree up again to form a cross.
6. With the star facing towards you, fold up the tree trunks so that they form tabs to stick onto your card (picture 5).



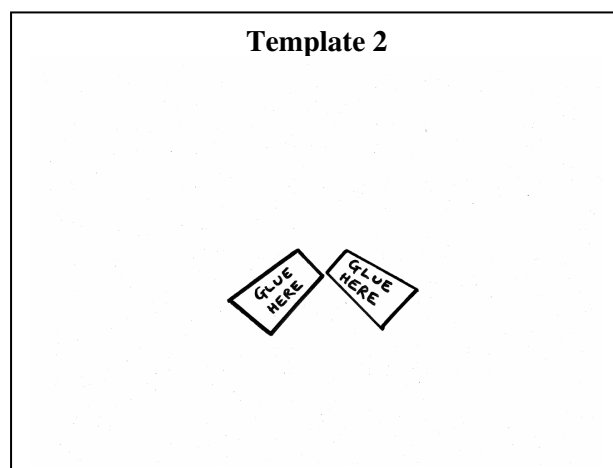
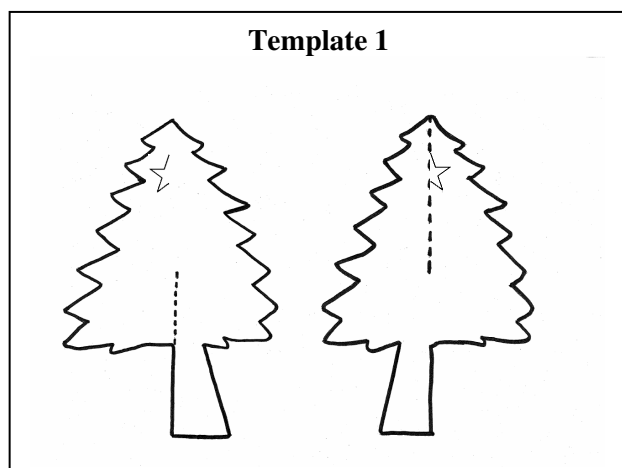
7. Print out template 2 (as attached) on your second sheet of A4 paper and fold it in half to form a card with the 'GLUE HERE' markers on the inside on either side of the central crease.
Top Tip: if you want to decorate your card or write a festive message do so now.
8. With the star symbol facing you, glue the folded tree trunks (tabs) down where it says 'GLUE HERE' (picture 6).
9. Wait for the glue to dry then try opening and closing your card (picture 7).

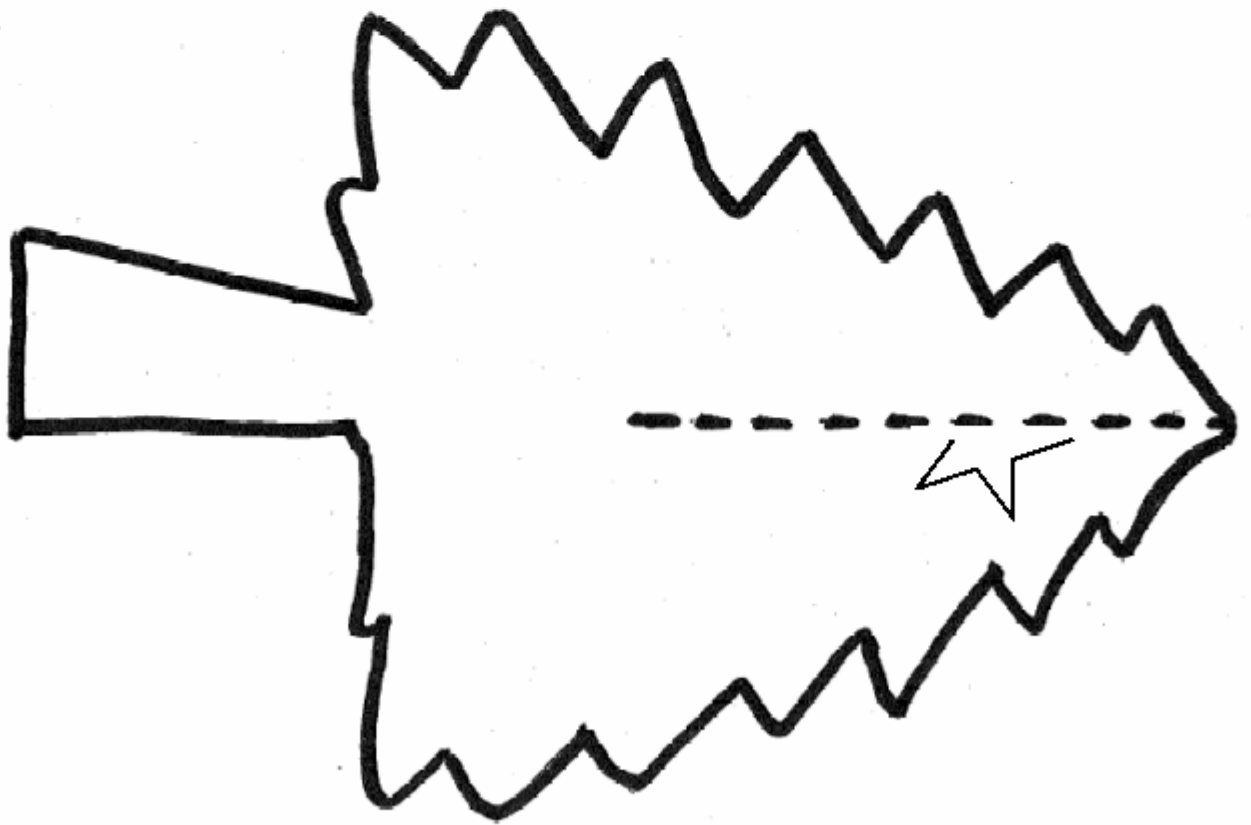
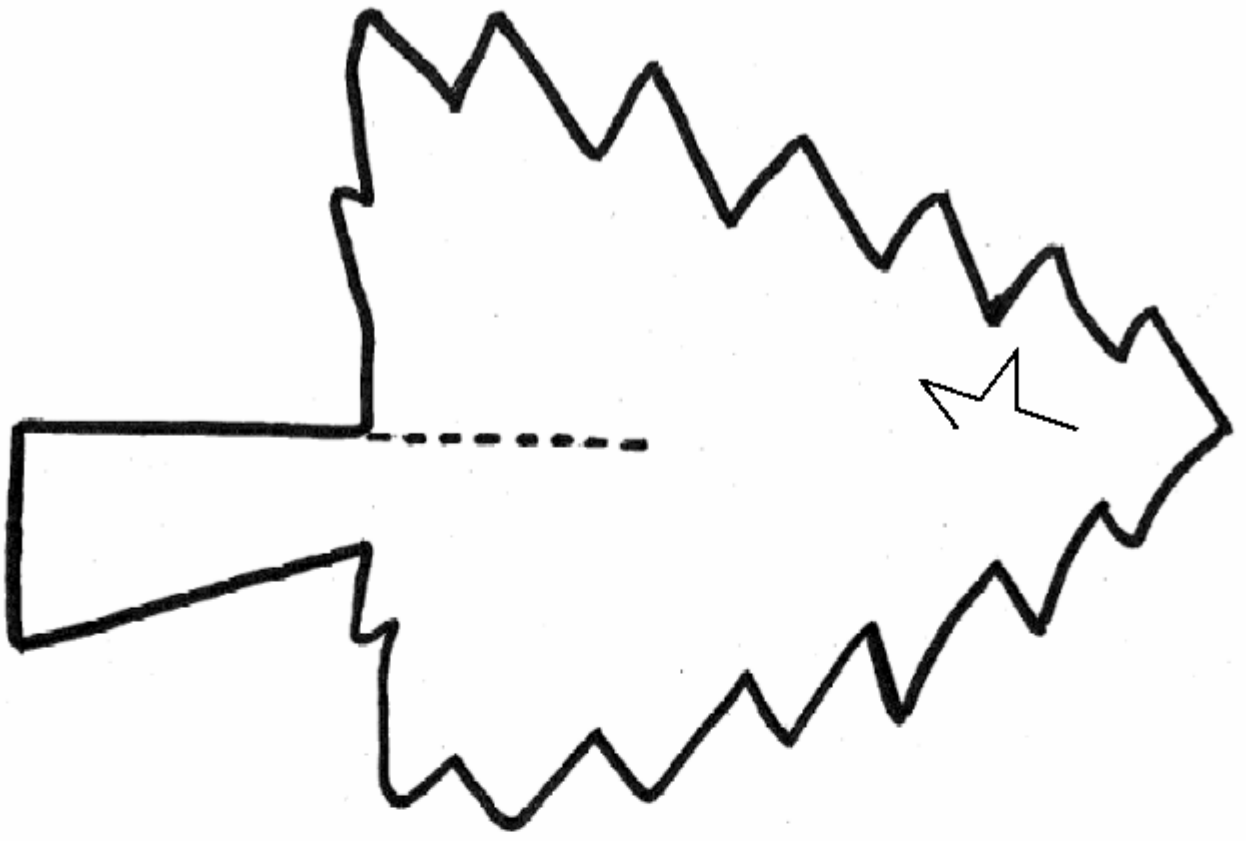


You can make smaller or larger versions of these pop-up cards by doubling or halving the templates. Be as creative as you like to decorate on and around your festive pop-up tree.



Find templates 1 and 2 on the following pages. Enjoy!





GLUE
HERE

GLUE
HERE



Worksheet 2

Create your very own moving Christmas picture

Use this worksheet, designed by Christmas Inklings artist Liz Smith, to make a moving image for a festive picture using a pull-out mechanism.

* Scissors are used in the making of this pop-up card. Adult supervision is advised throughout.

Materials:

- 1 sheet of A4 sized thick white paper for printing out the mechanism template*
- 1 sheet of A4 sized thick white or coloured paper for the illustration page template
- Scissors
- Ruler
- Glue
- Colouring pencils or markers to decorate

How to Make:

1. Print out the mechanism template and illustration page template on thick paper.
2. Cut out 'L'-shaped arrow, cuff* and character (unless you want to draw and cut out your own) from the mechanism template (picture 1).
3. Use a ruler to fold cuff along the broken lines, then wrap the cuff around the arrow where marked and glue on the 'glue here' tab.
Important note: the cuff must be able to move freely across the arrow (picture 2).
 You have now made your pull-out mechanism.
4. Cut along the line on the illustration page template where it says 'cut here' (you may need an adult to help you here – picture 3).
5. Fold the illustration page template in half so the writing is on the inside (picture 4).



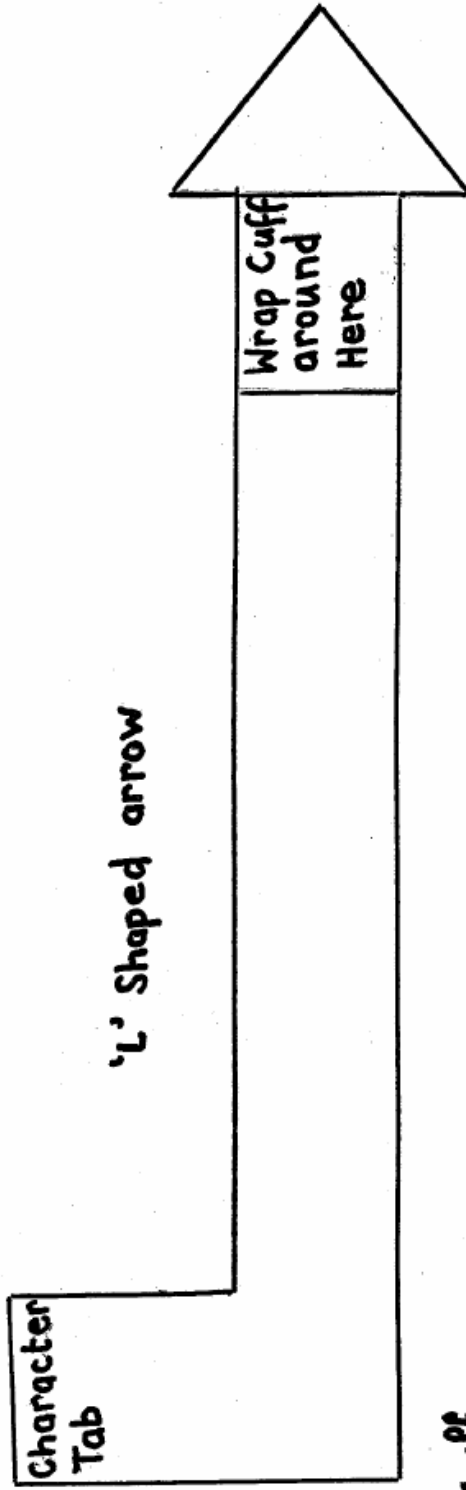
6. Open up the page again, take your mechanism and glue the cuff to the area marked on the illustration page template.
7. Fold the page over to cover the 'L'-shaped arrow and pull the character tab of the arrow through the slit facing you (picture 5).
8. Run a little glue around the inside edges of the folded illustration page template to seal all sides but avoid putting any glue onto the arrow itself.
9. You can now attach your character cut-out to the character tab using glue (picture 6).
10. Check that your character moves freely across the page by pulling on the arrow (picture 7).
11. Illustrate your moving character and background to create a lively winter scene (picture 8).



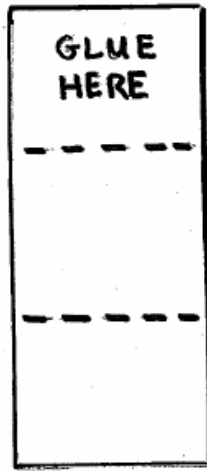
The templates in this worksheet are designed to create an A5 sized illustration, but you can use the same design to make a smaller or larger image by doubling or halving the size of the templates. You could also apply this technique to the front of a greetings card.

Find the mechanism and illustration templates on the following pages. Enjoy!

Mechanism Template




cuff



Character example



cut Along This line 

Fold Here

Illustration Page Template

GLUE
CUFF
HERE