

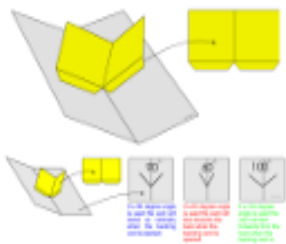
Year 1 / 2

Materials and mechanisms - pop up cards

Mechanisms

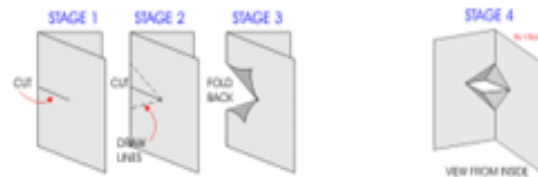
V fold

V-folding mechanisms are very popular and they are simple to make. Construct the pop-up section by adding tabs to a rectangular piece of card. The tabs are glued to the backing card remembering that the angle must be selected carefully. Draw the angle of bend on the card first before gluing the pop-up piece to it.



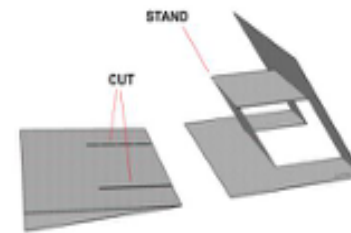
Mouth Mechanism

The simple folding technique is ideal for forming a mechanism that unfolds when a card is closed. This could be the mouth of a cartoon or similar character. The stages are shown below and involve basic folding and cutting



Internal stands

V-folding mechanisms are very popular and they are simple to make. Construct the pop-up section by adding tabs to a rectangular piece of card. The tabs are glued to the backing card remembering that the angle must be selected carefully. Draw the angle of bend on the card first before gluing the pop-up piece to it.



A slightly more difficult pop-up card can be produced by making the stand separately. This can be seen below. Remember to include tabs as these will be the surfaces that are used to glue the stand to the card.

The diagram with the tiger image shows a pop-up card that has a small double stand. When the card is opened, the image 'pops' up

