Pop-up mechanisms

There are several simple pop-up mechanisms which can be used in different ways to produce interesting effects. These can be combined to make a small pop-up book.

If you have never made paper pop-up mechanisms before, then start at Part 1. If you have done this before, then start at Part 2.

Part 1 Making paper pop-ups
1 Cut out the mechanisms on pages 3 and 4 of this task and assemble them into simple working examples.

Part 2 Drawing out and making card pop-ups
1 Draw out one or two of the mechanisms shown on page 2 onto thin card.
2 Carefully cut out using a craft knife and safety ruler and assemble into working examples.

SAFETY NOTE
Take extreme care when using the craft knife. As far as possible keep both hands behind the direction of cutting.
Part 3

1. Working in a group of four, develop the story board for an eight-page pop-up book for young children. For each page in the book, state which pop-up mechanism you would use and explain why it is effective in this part of the story. Here is an example:

Further/homework

Look at the collection of pop-up books available in school (or at a local library or bookshop) and identify the different mechanisms that have been used. Make quick sketches of any that are new to you.

Some mechanisms for you to make for Part 2
Pop-up mechanisms to cut out and assemble

V-fold

Incised mechanism

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Pop-up mechanisms to cut out and assemble

Single layer/multiple layers/ floating layers

* change size of base accordingly