



The Project Title

Design, make and evaluate a moving character for children to use in a children's picture book.

### What should I already know?

- I have used paper and card to make simple flaps and hinges.
- I have cut, shaped and joined using scissors, glue and tape.

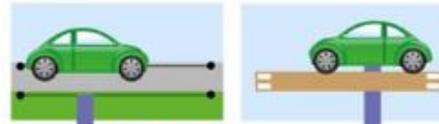
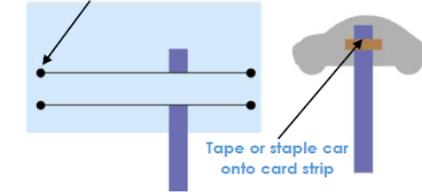
### Powerful Knowledge

- Explore and evaluate a range of books with moving parts.
- Develop and communicate ideas through drawings.
- Select and use tools, explaining choices.
- Explore cutting, folding and joining techniques.
- Evaluate the product against the design criteria.

### Useful Diagrams

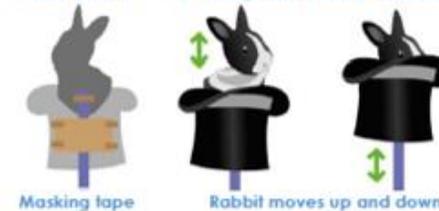
Sliders move from side to side and up and down:

Use a single hole punch to make a hole then cut a slot



Sticky fixers on back of card

A card strip could be used instead of cutting slots to allow movement



Levers can be used with or without a slot.



A card strip is used as a lever. The fish and boat are glued to the lever which is used as a handle.

### Vocabulary

#### mechanism

A device used to create movement in a product.



#### slider

A rigid bar which moved backwards and forwards along a straight line.

KS1 - Simple slider



Guide/bridge on back of picture

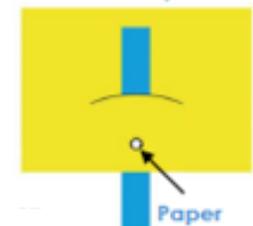
#### guide or bridge

A short card strip used to keep sliders in place.

#### lever

A rigid bar that moves around a pivot.

KS1 - Simple lever



Paper fastener pivot

#### pivot

A fixed part that holds a lever in place as it turns.