

DESIGN TECHNOLOGY · Y3–Y5

# Pop-Up Book Mechanisms

KS2 DT — moving parts

## Four mechanisms to learn

1

### Flap

A piece of card that folds up to reveal something underneath. Simple fold on a crease.

2

### Slide

A tab that slides through a slot to make something move.

3

### Pivot

A brass fastener (split pin) lets one piece rotate around a fixed point.

*Example: clock hands*

4

### V-fold pop-up

A mountain fold in a piece of card makes something spring up when the page opens.

*Example: pop-up birthday card*

## book challenge

Requirements for your finished

- Your book must include at least 2 different mechanisms
- Each mechanism must be labelled with its name
- Each page must have a short story, poem, or information text to accompany the mechanism
- Evaluate: which mechanism was hardest to make? Which works best?



