

DT

Making Storybooks

Year 5

What I should already know

- Some knowledge of linkages and how they work.(See Y5 DT Making Toys, Y2 DT Transport)
- Some knowledge of using exploded and cross-sectional diagrams. (See Y5 DT Making Toys)



Sticky Knowledge

The first pop up book was created by a man named Ramon Llull in the 13th century.

Pop up books are made by using sliders and levers.

There are a range of different sliders and levers used in order to create a different mood or impact upon the reader.

Know a range of different techniques to create moving mechanisms. (paper concertina, window flaps, rotating objects, split pins)

Technical Knowledge and skills

- Research and analyse a range of existing storybooks, discussing materials and techniques.
- Design and create an appealing storybook that fits a design criteria made by research, surveys, questionnaires etc.
- Use a range of tools and techniques to create a range of moving mechanisms.
- Mark out and measure accurately to create a pop up storybook.
- Experiment to create a range of different fonts and graphic techniques.
- Evaluate their product against the set design criteria.

Vocabulary

Exploded Diagram	A drawing that shows the order of assembly of various parts by separating them slightly by distance.
Prototype	A first version of an object.
Cross-sectional Diagram	A diagram of a particular section of a project.
Lever	A rigid bar resting on a pivot.
Linkage	A system of links.
Pivot	The central point, pin, or shaft on which a mechanism turns.
Oscillating	Move or swing back and forth in a regular rhythm.
Rotary	Revolving around a centre or axis.
Font	A set of type of particular face and size.
Linear	Arranged in or extending along a straight line.