

Subject: D&T - Pop-up Book

Key Vocabulary

Design
Input
Motion
Mechanism
Criteria
Research
Reinforce
Model

Overview

After choosing a simple story or nursery rhyme, children create a four-page pop-up storybook design. They will also add accompanying captions, incorporating a range of mechanisms and decorative features, including: structures, levers, sliders, layers and spacers

Key Points of Learning (RAG at end of each session)

- To understand that an input is the motion used to start a mechanism and output is the motion that happens as a result of starting the input
- To know that mechanisms control movement
- To design a book made up of a front cover and four pages and include a mixture of structures and mechanisms within it
- To make mechanisms and/or structures as detailed in a design template by using sliders, pivots and folds to produce movement
- To use layers and spacers to cover the working of mechanisms
- To consider the preferences and needs of the user and that good quality making should be neat, accurate and securely assembled



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