

DT Knowledge organiser - Sliders and Levers

Key Vocabulary

mechanism	A device used to create
Lever	A rigid bar which moves around a pivot. Levers are used in many everyday products. In this project, children will use card strips for levers and paper fasteners for pivots.
Slider	A rigid bar which moves backwards and forwards along a straight line. Unlike a lever, a slider does not have a pivot point.
Slot	The hole through which a lever or slider is placed to enable part of a picture to move.
Guide/bridge	A short card strip used to keep sliders in place and control movement.

Skills

- Generate ideas based on simple design criteria and their own experiences, explaining what they could make.
- Develop, model and communicate their ideas through drawings and mock-ups with card and paper.
- Plan by suggesting what to do next
- Select and use tools, explaining their choices, to cut, shape and join paper and card Use simple finishing techniques suitable for the product they are creating.
- Explore a range of existing books and everyday products that use simple sliders and levers
- Evaluate their product by discussing how well it works in relation to the purpose and the user and whether it meets design criteria.
- Understand that different mechanisms produce different types of movement
- Know and use technical vocabulary relevant to the project.

