

Year 1/2 Design Technology
Knowledge Organiser:
Mechanisms – Slides and Levers



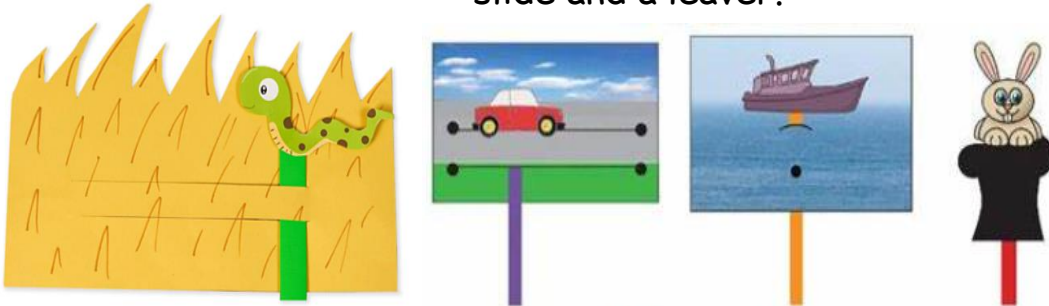
Subject Specific Skills:

- Design purposeful, functional, appealing products for themselves and other users based on design criteria.
- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing.
- explore and evaluate a range of existing products
- Evaluate their ideas and products against design criteria.
- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

Prior Learning:

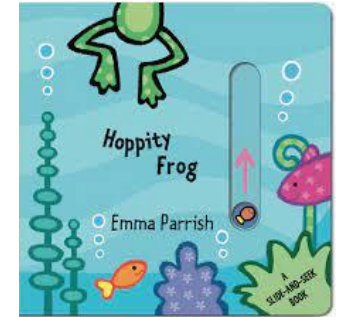
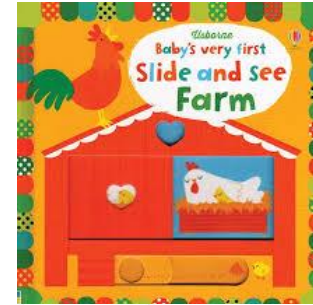
- Develop their small motor skills so that they can use a range of tools competently, safely and confidently.
- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share their creations, explaining the process they have used.

Design and Create: To create a moving picture, inspired by our previous Geography topic of Brazil, using a slide and a lever.



Investigate (style / techniques / examples).

How some books use slides and levers.



Evaluate:

- Compare their work to existing products.
- Does their product function correctly?
- Did the product meet the purpose of the design?
- What could I have changed if I needed to?

Key Vocabulary:

Slide
 Levers
 Wheel
 Split pin
 Moving
 Mechanism