

Sliders and Levers

Prior Learning:

In Early Years, children will explore a range of techniques for joining different materials and creating both 2D and 3D artwork. They will also develop their fine motor skills through cutting and drawing activities.

Key Vocabulary

Mechanism	A system of parts working together in a machine; a piece of machinery.
Slider	A rigid bar that rotates around a fixed point.
Lever	A mechanism that moves along a straight line, either side-to-side or up-and-down, within a guide.
Pivot	A central point on which something rotates or balances.

Key Inventor

Robert Sayer -A London publisher who created some of the first moving picture books for children in the 1700's.



Key Learning

- What is a mechanism, and how do different mechanisms move?
- How does a slider work, and what makes it move smoothly?
- How does a lever work, and how does the position of the pivot change its movement?
- How can we design a moving picture for a story using sliders and levers?
- How can we make and improve a moving picture that works well?
- How can we evaluate our moving picture to see if it is fit for its purpose and user?



The Big Question

How can we use mechanisms to make a story come to life?

Visual Vocabulary

	Joining is when two or more items or materials are connected, fastened and brought together.
	Materials are different items that we can use to create things.
	A split-pin is a type of metal fastening that can be used to join to components together. It's design allows for the components to move.

Cross Curricular Links

Togetherness
English - The Jolly Postman