



**Design and Technology Topic:** Design, make and evaluate a flipbook.

**Year:** 3 **Term:** Summer 1

## Key Knowledge/Content:

- To know a flip book is a book with a series of pictures that vary gradually from one page to the next.
- To know when the pages are turned rapidly, the pictures appear to move.
- To understand what a simple mechanism system is.

## Key vocabulary with definition:

### Prior vocabulary:

- Running stitch- A simple needlework stitch consisting of a line of small even stitches which run back and forth through the cloth without overlapping.
- Blanket stitch- A line of stitching that hooks over the edge of material.
- Overlay stitch- Overlay crochet works by utilising the front or back of stitches, including include wrapping your yarn around stitches using a front post method or simply using front loops to create a raised effect

### New vocabulary:

- Mechanism- A device used to create movement.
- Linkage – A device used in a product to create movement.
- Rotation – Spinning around an axis or centre.

## Links to:

### Prior learning:

The children designed, made and evaluated a purse. The children practised their stitching skills and used a range of materials.

### Future learning:

The children are going to design and create a light-up picture.

## By the end of this unit

**All children can:** **design** a product, **explain** who their audience is and **evaluate** their product using key vocabulary.

**Most children can:** **demonstrate** effective techniques and materials.

**Some children can:** **compare** the techniques and **explain** the similarities and differences.

## Background understanding for teachers and parents:

The children are going to design, make and evaluate a moving flipbook. The children are going to learn about what a mechanism system is and their functions.

## Curriculum Driver (one):

Communication

### Evidence outcome:

The children are going to be discussing their designs and comparing their product with others.