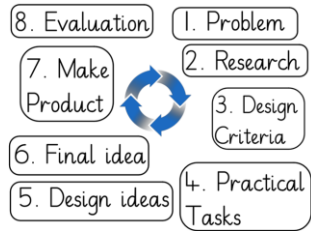


## Design process



## Vocabulary

Join, cut, fold, fix,, glue scissors, ruler, cellotape, masking tape  
evaluate, predict  
existing product, research, design, model

## Links to other subjects

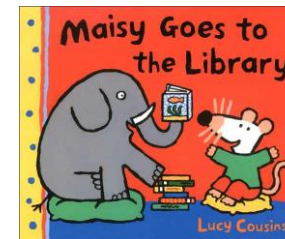
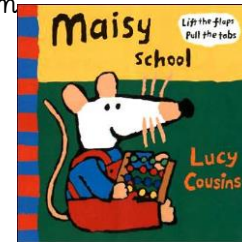
Science: materials  
Maths: positional language, measurement, and shapes  
Art/Design: colour, layout, materials  
Learning theme: Homes, pirates plans and adventures  
English: Otherwise text

# DT – Y1 Mechanisms

## Sliders and levers

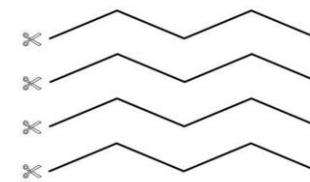
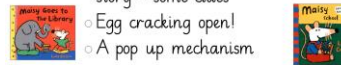
## Key knowledge and skills

- We can use our past experiences to make a book with a working mechanism
- We can make a plan
- We can work with a partner to research and evaluate
- We can select tools and materials
- We can measure, cut and glue
- We can use simple joining techniques
- We can assemble and join components precisely (levers, rotating mechanisms and sliders)
- We can problem solving
- We can evaluate our own product against a criteria



**Design Criteria**  
What do you think the front cover must do or be like?

- Green, swampy water picture, leaves and mud and grass
- Should be colourful - white egg stuck on front cover
- Tell us something about the story - some clues
- Egg cracking open!
- A pop up mechanism.



## Health and safety

- We can cut card
- We can use scissors safely

**Evaluation** Let's evaluate our front cover

Success criteria

1. My front cover is fun and attractive
2. Anders pops out from the egg
3. The mechanism is able to slide smoothly

I give myself a star for \_\_\_\_\_

My target is \_\_\_\_\_



## Equipment used



## Outcomes

1. Designing and making a book cover with a working mechanism



## Links to prior learning and next steps:

EYFS Design and making areas and construction resources