

Suggested prior learning [Mechanical systems: Making a slingshot car](#)

Intended outcome of the unit

Pupils who are **secure** will be able to:

- Produce a suitable plan for each page of their book.
- Produce the structure of the book.
- Assemble the components necessary for all their structures/mechanisms.
- Hide the mechanical elements with more layers using spacers where needed.
- Use a range of mechanisms and structures to illustrate their story and make it interactive for the users.
- Use appropriate materials and captions to illustrate the story.

Key Vocab

design
input
motion
mechanism

criteria
research
reinforce
model

Unit specific links:

[Knowledge organiser: DT - Y5 Pop up book](#)

Week 1

[Lesson 1: Pop-up book page design](#)

Week 2

[Lesson 2: Making my pop-up book](#)

Week 3

[Lesson 3: Using layers and spacers](#)

Week 4

[Lesson 4: Writing and illustrating](#)

Suggested Next Steps

[Mechanical systems: Automata toys](#)