

Storybooks

Learning Objective:

To investigate and evaluate products with lever and linkage systems.



What is your
favourite
storybook?



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Next

Over the next few weeks, we will be designing and making storybooks with moving parts.

Have you read a book that has moving parts?
What was it called?



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Look at the books on your table. What moving parts do they have?

Have you seen these books before?

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Think about these questions as you are looking at the mechanisms in the books.

What materials have they used for the mechanism?

Which part is moving and why?

How have they made it move?



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Look at the layout and wording of the books.
What do you think about how they are set out?

What do you think of the fonts and style the author has used?
How does it fit the purpose and audience of the book?



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Do you know what these words
mean?
Discuss your ideas with a
partner.



Lever

Linkage

Rotate

Pivot

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Next

Pivot

A pivot is a point that something turns around. The centre of a merry-go-round is a pivot.

Rotate

Rotate means to turn something around an axis or centre. Clock hands rotate around the centre of the clock.

Lever

A lever is a bar or rod that when pushed or pulled causes something else to move. A door handle is a lever.

Linkage

A linkage system is a series of bars, rods or springs that cause something else to move. A jack-in-the-box has a linkage system.



Pivot



Rotate



Linkage



Lever



Can you explain how these things work?



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