Storybooks

Learning Objective:

To investigate and evaluate products with lever and linkage systems.





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?





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



Which part is moving and why?

How have they made it move?



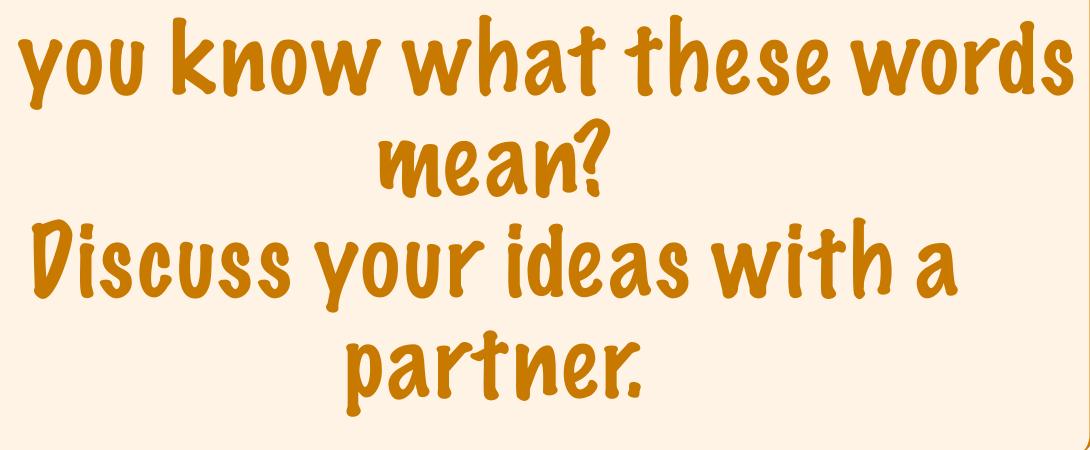
Look at the layout and wording of the books.

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?



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



Lever

Linkage

Rotate

Pivot



Pivot

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

Lever

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

Rotate

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

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?