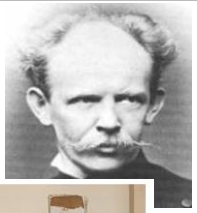
Year 3: I want to send an exciting Christmas card to my family

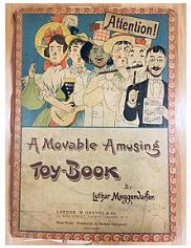
Subject Specific Vocabulary

Lever	A rigid bar which moves around a pivot.
Guide or Bridge	A short card strip used to keep lever and linkage mechanisms in place and control movement.
Mechanism	A device used to create movement in a product.
Slot	The hole through which a lever is placed to enable a part to move.
Input	The force you apply to the mechanism
Output	When the mechanism moves
Oscillating	To move or swing back and forth in a regular rhythm
Fixed Pivot	A paper fastener that joins card strips to the backing card.
Loose Pivot	A paper fastener that joins card strips together.
Linkage	The card strips joining one or more levers to produce the type of movement required. The term 'linkage' is also used to describe the lever and linkage mechanism as a whole.

Lothar Meggendorfer 1847 - 1925

He was a German illustrator and cartoonist famous for his pop-up books.





Attention! A Movable Amusing Toy-Book, 1906



The Moor from *Attention!* Pull tab moves arms.



The Moor from *Attention!* Pull tab moves arms.



Rivets and tabs back side of The Moor from *Attention!*

Careers

Toy designer developer



Product



- **System designer**



Sticky Knowledge

Card strips join one or more levers to make a linkage.
A guide is used to keep the lever or linkage in place.
A guide is used to keep the lever or linkage in place.
A loose pivot is a paper fastener that joins card strips together.
A fixed pivot is a paper fastener that joins card strips to the backing card.
A system has an input (where the user pushes or pulls a card strip), a process and an output (where one or more parts of the picture move).

