Year 5: I want to entertain a child illustrating their favourite story

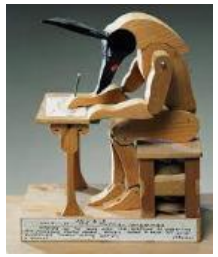
Subject Specific Vocabulary

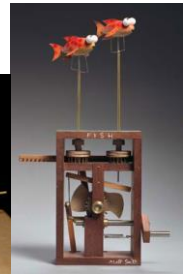
follower	*the device that follows the movement of the cam: a lever or a slider.*
rotary motion	movement that goes round
linear motion	Movement in a straight line, as in a slider.
oscillating motion	moving to and fro around a pivot point, as in a lever.
cam	a mechanism that changes one sort of movement to another. Cams can be an off-centre wheel or a specially shaped wheel.
lever	a piece of rigid material that moves to and fro around a pivot point creating oscillating motion.
slider	a piece of rigid material that moves backwards and forwards in a straight line creating reciprocating motion
guide	a piece of material used to guide the movement of another.
spacer	a piece of material used to create extra space to allow moving parts to move freely.

Cabaret Mechanical Theatre

CABARET MECHANICAL THEATRE

Mechanical Theatre is a collection of contemporary automata founded in 1982. It has permanent and temporary exhibitions all over the world. They aim to entertain and inspire visitors, makers and collectors.



Careers

Mechanical Engineering - the study of physical machines that may involve force and movement



Mechanic

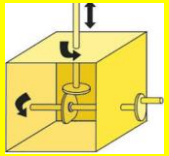


Theatre design

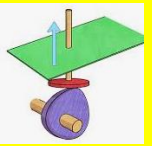


Sticky Knowledge

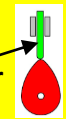
Rotary motion – movement that goes round.



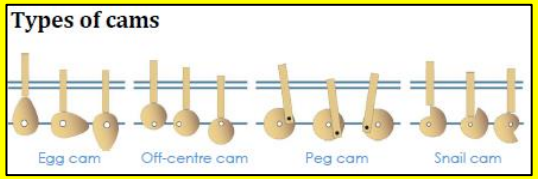
Linear motion – movement that goes in a straight line as in a slider



Follower – the device that follows the movement of the cam: a Lever or slider



Cam – *a mechanism that changes one sort of movement to another. Cams can be an off-centre wheel or a specially shaped wheel.*



This is a mechanical system input= handle Output= movement of the follower/image

