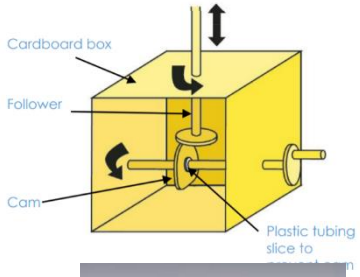
Design Technology: Y5 Moving Toys- Engineering (Mechanisms)

Year 5

Key vocabulary

cam	a mechanism that changes one sort of movement to another
follower	the device that follows the movement of the cam: a lever or a slider
rotation	movement that goes around
oscillation	moving to and fro around a pivot point, as in a lever
reciprocating	backwards and forwards movement in a straight line, as in a slider
G clamp	a type of clamp typically used to hold a wooden object steady when cutting or drilling





We are building on our knowledge from Year 3 making moving cards

This will help us learn in Year 6 when making inventions

Key knowledge

Cams can be used to produce different types of movement and change the direction of movement.

Cams are part of a mechanical system. Mechanical systems have an input, process and an output.

A cam mechanism is made up of three components: a cam, slider and follower.

Different types of cam can create different types of output movement.



