

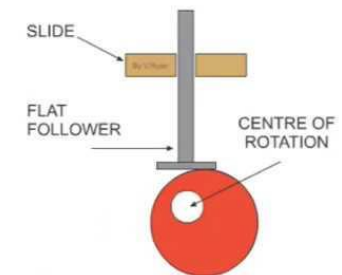
What I have learnt before:

Learnt how to strengthen constructions

Used a range of joining methods

Used a range of materials

ECCENTRIC CAM



Forever facts

I know how cams produce different movements

I know how to cut, shape and join

I know when to use different materials and tools

Skills

I can measure, mark out and cut accurately

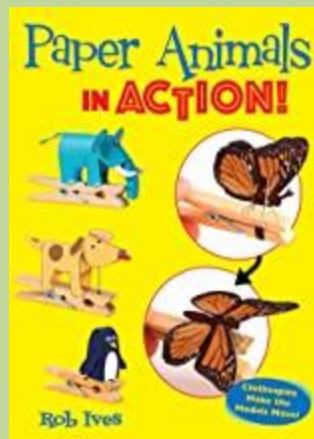
I can draw on different sources of information for the design

I can carefully finish a product

I can work safely

I can use a wide range of tools

Exciting Books



Our Endpoint

I can make an automata animal

Subject Specific Vocabulary

cam	a rotating disk shaped to convert rotary into linear motion
mechanism	a system of parts working together in a machine
guide	a structure that directs the motion of something
follower	the component which follows the movement of the cam
component	a part of a machine
design criteria	the precise goals that a project must achieve in order to be successful
functional	having a purpose or task
aesthetic	the appearance of something

Personal Development

Social – children will share and work collaboratively
Spiritual – awe and wonder in the movement of creatures in the natural world

