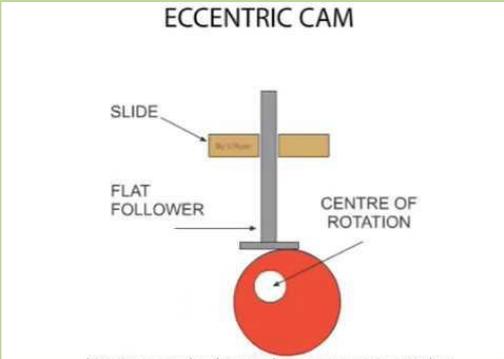


What I have learnt before:

- Learnt how to strengthen constructions
- Used a range of joining methods
- Used a range of materials



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

**Paper Animals
IN ACTION!**

Rob Ives

Challenge - Make the Models Move!

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

