

Automata Toys

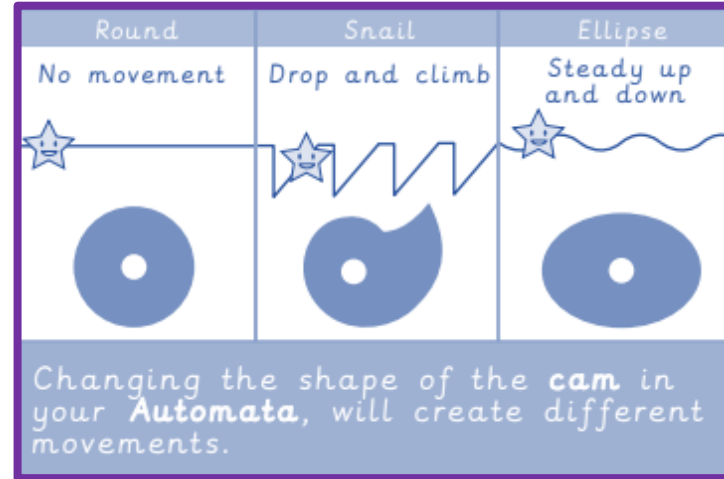
Key Concepts:

Design
Make
Evaluate

Key Vocabulary

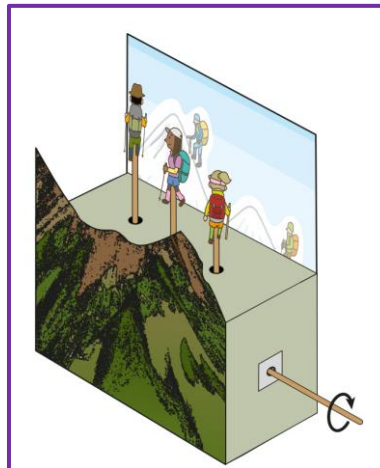
Automata	Automata toys are sometimes known as mechanical toys or kinetic art. They use hand-powered mechanisms to create movement in a scene of characters.
Component	One of several parts of which something is made.
Lever	A rigid bar resting on a pivot.
Mechanism	A system or parts working together in a machine.
Follower	The post which traces the shape of the cam, rising and falling in a linear or reciprocating motion.
Linkage	A set of bars linked together to form a mechanism.
Cam	A cam is a rotating or sliding piece in a mechanism. It changes the rotary motion to linear motion.
Frame	The rectangular structure which holds the Automata together.

Read more:
Research more:



How to use a saw

1. Fix the wood in a vice or clamp
2. Hold the saw with one hand
3. Place the other hand on the table away from the saw
4. Start by pulling the saw back before gently sawing forwards and repeating
5. Try to keep the saw straight.



Saw



Dowling



1. Character
2. Follower
3. Cam
4. Frame
5. Axle attached to handle

