



Design Technology Knowledge Organiser

Year 3: Autumn Term



Key Skill: Levers and Linkages – Moving Picture: Space

Know how to: Create a moving picture to show what happens in space.

Key questions:

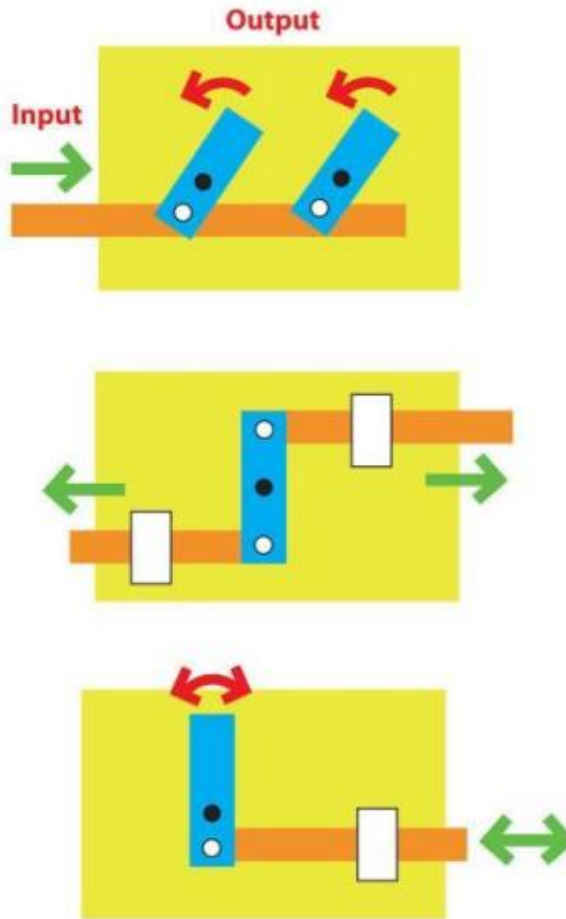
Can I research how levers and linkages work?

Can I test out different methods of creating a lever or linkage?

Can I design a space moving picture using a lever and linkage?

Can I create my moving space picture?

Can I evaluate my final product?



Key vocabulary:

mechanism - device used to create movement in a product.

lever - a bar which moves around a pivot.

linkage - the card strips joining one or more levers.

pivot - a paper fastener that joins card strips.

slot - the hole that a lever goes through.

guide - a short card strip used to keep levers and linkages in place.

system - a group of parts.

input - when someone pushes or pulls a strip of card.

process - the action that takes place.

output - where one or more parts of the picture move.