

# Design Technology

## How can a poster move?

### National Curriculum Objectives

- Investigate and analyse a range of existing products
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

### Key Vocabulary

prototype	design brief	movement
mechanical	split pin	model
linkage	joint	lever

Substantive - Subject Knowledge      Bigger Picture - Support words

lever	
joint	

Question driven outcomes for knowledge:	Pupil	Teacher
Can I investigate and analyse a range of existing mechanical products?		
Can I design a product following a design specification to ensure that it is innovative, functional, appealing and fit for purpose?		
How do I develop, shape and model my ideas to create a prototype?		
Can I select from and use a range of materials, components and tools to make my product?		
How do I effectively evaluate my ideas and product against my original design criteria?		

