

# Design Technology

## MECHANISMS

### National Curriculum Objectives

To communicate ideas and apply knowledge to own design  
 To know how to create mechanical systems for a catapult  
 To select and use tools safely



	Key Vocabulary	
design	pulleys	stable
sketch	levers	material
projectile	structure	moving
catapult	mock up	

Key: **Disciplinary** **Substantive** **Bigger picture**

### Glossary

pulley	
lever	
projectile	

Learning intents questions	Pupil	Teacher
Can I investigate a range of existing products and use this to inform and design my own product?		
Can I communicate my ideas through annotated sketches and diagrams?		
Do I understand and use mechanical systems e.g. pulleys and levers?		
Can I select and effectively use a range of materials to create my own model catapult?		
Can I evaluate my product against my original design and consider how I can improve my work.		