

Explore and use simple moving mechanisms to make a catapult



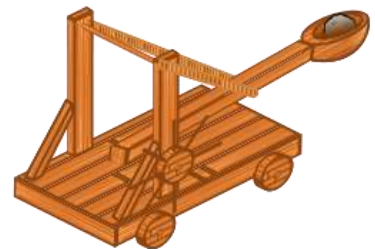
Year 3 Design Technology

Curriculum Objectives:

- To communicate ideas and apply knowledge to own design
- To know how to make moving mechanisms to construct a catapult
- To select and use tools safely

Key Vocabulary

design	pulleys	mock-up
sketch	moving	material
levers	stable	structure
catapult	projectile	Vikings



Intents	Pupil	Teacher
I can investigate and analyse a range of existing products.		
I can use research to develop design criteria and inform my own design ensuring that it is innovative, functional, appealing and fit for purpose.		
I can develop, model and communicate my ideas through discussion, annotated sketches, diagrams, mock-ups etc		
I can select from and use a range of materials, components and tools to make my model		
I can understand and use mechanical systems e.g. pulleys and levers.		
I can evaluate my ideas and product against my original design criteria and consider the views of others to improve my work.		