

Making - Learning using Tools and Equipment

FPT – Focussed Practical Task

This is a small practical investigation, a mini focus on an aspect of your design. E.g. structuring a join or making a fastening

Elastic bands

Use of a flexible joining materials to ensure movement.

Use of flat craft sticks

Building the main structure, particularly the beam.

Sling

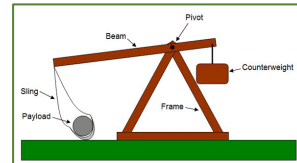
What sling or receptacle will you use? Do some receptacles work better than others?

Counterweight

The weight applied to the other side of the beam to launch the payload.

Cross Curricular Opportunities

History	To understand the principals of battle in the Anglo Saxon period
Science	Performing simple investigations to test out theories.
English	Evaluating your product in your DT booklet
PSHE & Values	Co-operation & collaboration, perseverance resourcefulness



Why are we learning this?

To know how to:
make a scaled down version of a functioning Trebuchet

Why is it important?

So that we understand how to:
lay siege to various mock-up walled structures. To recognise some of the familiar traits such as the importance of ammo & aim.

Vocabulary

Trebuchet	Sharp wooden poles, darts or rotting animal carcasses would be used. Fire caused havoc in a besieged castle or walled city.
Firebrand	A flaming chunk of material, usually wood
Trajectory	The curve of an object when it is flying through the air.
Winch	The crank or handle of a machine to wind it up.
Sling	A band or strap that holds the payload or the ammunition.
Accelerate	To make something go faster
Velocity	How fast something is moving
Aerodynamic	How air affects a solid object as it moves
Siege	To lay siege is to surround and attack another city/town and isolate them
Payload	The ammunition used to fire from the Trebuchet



Haggie VLFK

