

Medieval war machines!

Trebuchet or Catapults

Senior Metal

This group project will test your building skills and ability to plan and design a working medieval style **tabletop** war machine!

The school will supply most metal material but there are a few things you will have to get yourself in order for this project to work

You will be supplied with:

- 1 foot of 1/2 round steel to use as an axle
- 3 feet of 1/2 square tubing
- 6 feet 3/4 angle iron
- 4 feet 1/2 flat bar
- 1 foot

Recommended extra materials:

- pouch material (old pair of jeans, leather piece, etc)
- sling (rope, twine, shoelaces, etc)
- counterweight
- wheels. Not required but may help, or hinder, your design

Build requirements:

- Variable arm ratios to change trajectory
- pull/trigger rope for safe launching
- full drawing and design plans checked by teacher prior to cutting any materials
- must be able to throw an egg or waterballoon
- frame height must be 18" inches or shorter

If you are wanting to build a larger Trebuchet/catapult all extra material must be paid for prior to cutting or welding!

