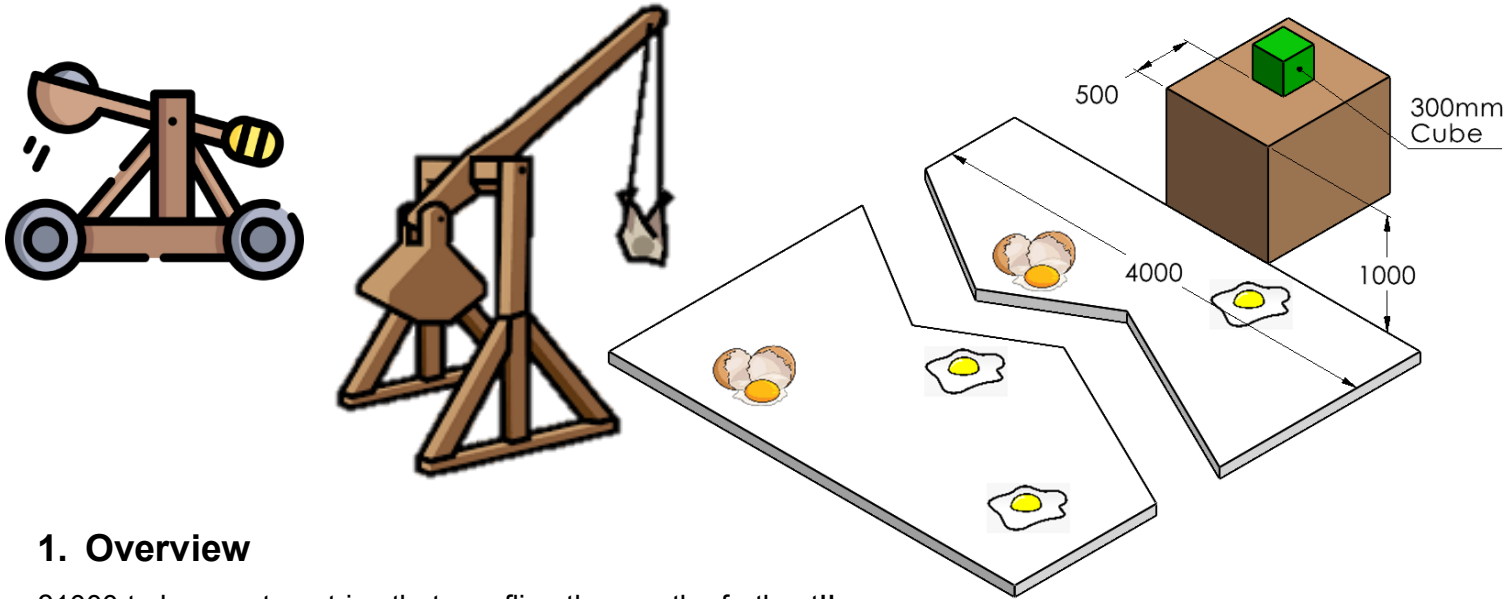


# Fieldhouse Challenge: 'Egg-a-pult'



## 1. Overview

£1000 to be won to entries that can fling the egg the furthest!!

Each contraption will be given 3 attempts with the egg yokes deciding the distance 🥚

## 2. Details

<b>Event Conditions</b>	<p>Entries placed on the chipboard table, 500mm back from the edge. The floor is initially smooth concrete but goes bumpy after 6 meters from the table as this will happen facing outside through the big roller shutter door.</p>
<b>Entry Setup Process</b>	<ol style="list-style-type: none"> <li>1. Entries will be placed in the starting areas.</li> <li>2. The entrant's setup instructions will be followed with a strict time limit of 30 seconds. This will include the loading of the egg and trigger pin. This setup process must be simple and intuitive.</li> <li>3. Trigger pin must be easy to use and will be pulled sharply without holding the entry down – this will be the start of your egg launch attempt. The egg can only crack after the pin has been removed. The energy required to pull out the pin must not aid significantly in the egg launching mechanism. Any egg will not be cleaned off your entry between your three attempts. The egg must land within a 4m wide area of infinite length.</li> </ol>
<b>Entry Restraints</b>	<p>Max. after setup: 300mm L, 300mm H, 300mm W, 3Kg (not including egg), 1 Entry per person.</p>
<b>Ways to win</b>	<p>The furthest substantial part of the yolk (bigger than a 10mm 'minor diameter' splodge) will be measured from the start line. Furthest wins!</p>
<b>Energy Restrictions</b>	<p>Gravitational Potential Energy is the only source that can be used. GPE can change into a different energy store after the trigger pin is pulled.</p>
<b>Egg Specification</b>	<p>Aldi's Medium eggs will be used all eggs will weigh between 55-60g</p>
<b>Postal Address</b>	<p>Unit 7, Heathfield Industrial Estate, Taunton, TA2 8GR</p>
<b>Postal Deadline</b>	<p>Needs to arrive by the 23<sup>rd</sup> June 2023 to stand a chance of winning. UK: We ask for £5 if you'd like it back. International: £15 if you'd like it back.</p>
<b>Cost to Enter</b>	<p>Free</p>
<b>Prizes</b>	<p>First: £400, Second: £300, Third: £200, Fourth: £100</p>

Note that the competition will be completely remote - all entries are to be posted to us. The full results list will be available and published as soon as possible after the deadline.