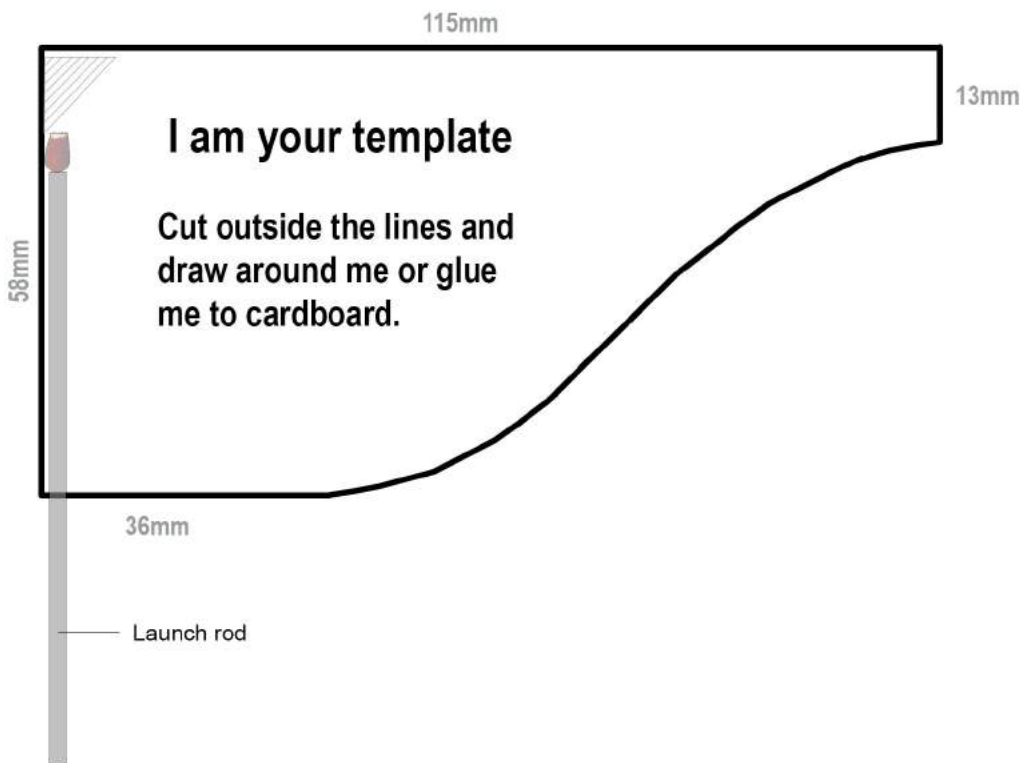




Brainfoo - Ultimate match head rocket

Random stimulation
for the brain

- 1 Cut outside the lines for the template
- 2 Draw around the template with a pen onto the kitchen foil (good quality works best), then cut it out
- 3 Cut off the match head and place it roughly into the specified area (wood side up) with launching rod
- 4 Roll tightly then try to incorporate a small fold over the head of the match during the second rotation
- 5 Roll tightly all the way to the very top, then twist the foil to seal
- 6 Fold over the top third of the twisted tip and pinch closed with pliers, fold the next third and pinch again, being careful not damage the foil near the match head
- 7 Make sure the rocket body slides freely but without being loose or gappy
- 8 Pinch and twist the foil tightly over the match head and the joint of the launching rod, this creates a seal and a slight resistance for pressure build up
- 9 The Launch! Heat the match head area slowly and allow the heat to rise until ignition



WARNING

Please be safe and sensible. Matches may seem mundane but where there are flames, heat or pressure there is potential for harm. The aluminium foil casings get very hot and travel very fast, this makes them hazardous to flammable things inside or outside the home. The pressure generated may also result in flying particles of foil or match on some occasions, for that reason eye protection should be worn. If you are under 18 do not attempt this project without supervision.