



# Spaghetti bridges



## A competition to build the tallest structure





# Rules for using Glue Guns

1. Always treat a glue gun as if it is hot
2. When not being used, always stand the glue gun up
3. Always use a board underneath what you are gluing
4. Only one person can use a glue gun at a time
5. Never touch anything with the hot end except for what is being glued
6. Never touch the glue – it could still be hot





## Now try this...

1. You have 20 minutes to build a bridge from spaghetti.
2. The bridge must reach over a gap of 15 cm.
3. You can only use 15 pieces of spaghetti – you can break some of it into smaller lengths if you need to.
4. This is a competition – the bridge that can support the strongest load at its centre wins.





# Example of a Pupils Winning Bridge

