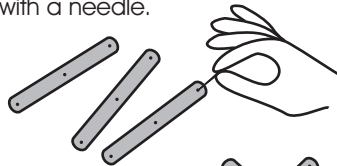
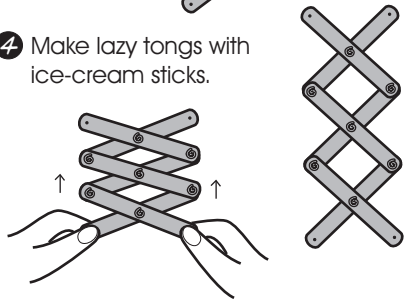


1 Make three holes in each stick with a needle.



4 Make lazy tongs with ice-cream sticks.



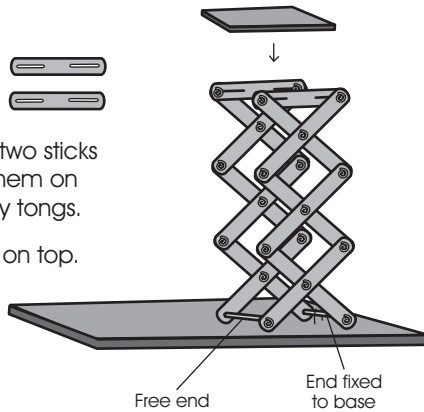
The lazy tongs can stretch and shrink.

6 Make slits on two sticks and attach them on top of the lazy tongs.

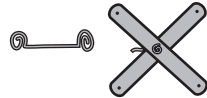


7 Stick a cardboard platform on top.

8 Fix the assembly on a cardboard base. One end of the tongs should be free and other fixed.



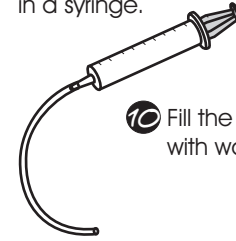
2 Join two sticks with copper wire.



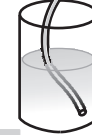
3 Bend copper wire ends into loops as stoppers.

5 Join two lazy tongs together at the base with cross sticks.

9 Press fit a flexi-tube in a syringe.

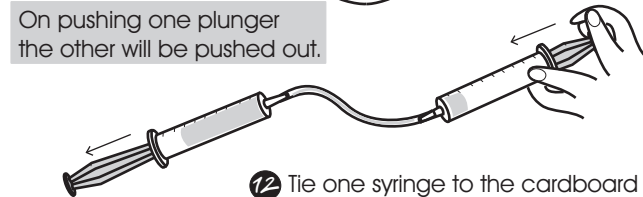


10 Fill the syringe with water.

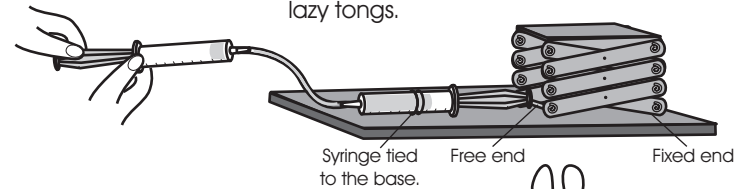


11 Fix another syringe to the other end of the flexi-tube.

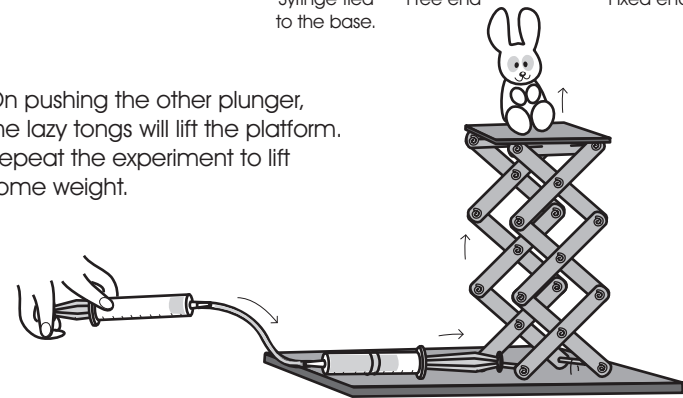
On pushing one plunger the other will be pushed out.



12 Tie one syringe to the cardboard base and tie its plunger to the free end of the lazy tongs.



13 On pushing the other plunger, the lazy tongs will lift the platform. Repeat the experiment to lift some weight.



Water is an incompressible fluid. When pushed through one syringe water transmits the pressure to the other syringe without getting compressed.