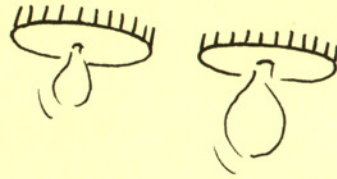


HOW TO MAKE A WATER CLOCK

Romans used sundials to tell the time. It was all right if it was sunny, but imagine trying to tell the time at night. For this they used a water clock (clepsydra). They still needed a sundial to mark out the time scale on the water clock.

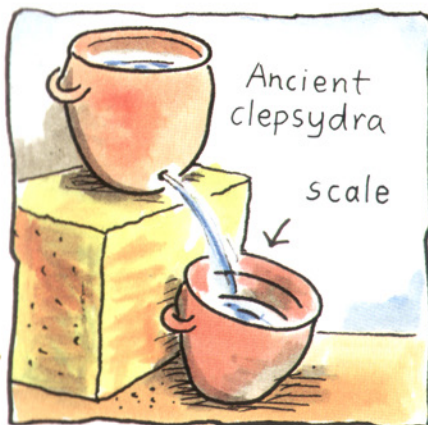
TOP TIP - TOP TIP

The time the water takes to drip through will depend on the size of the hole.

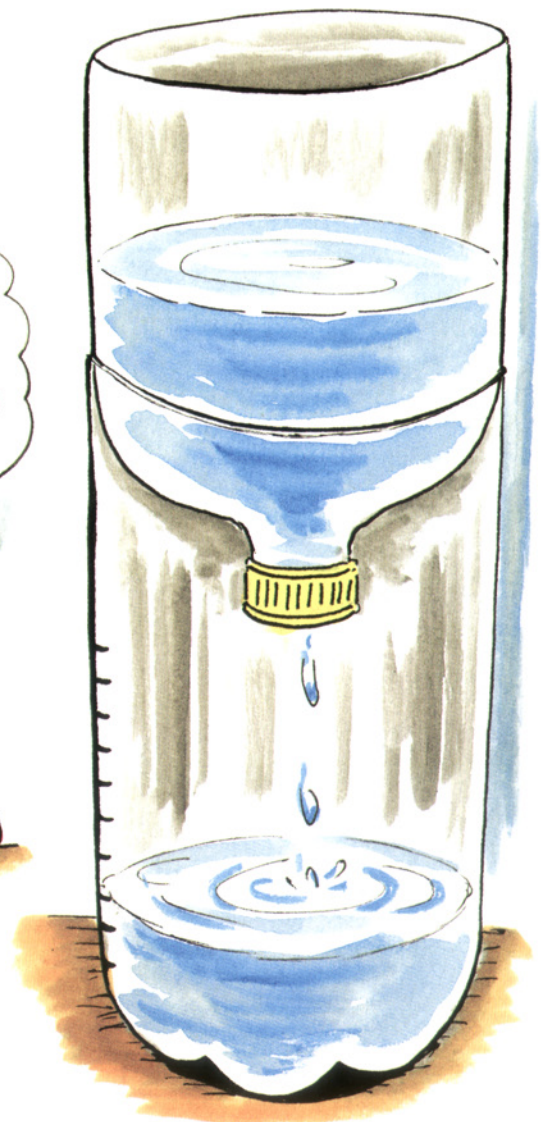


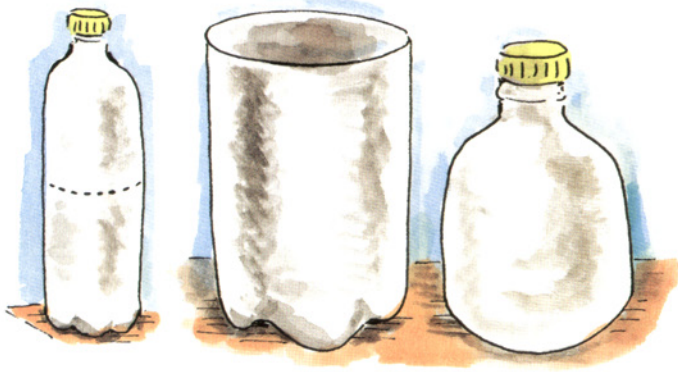
YOU'LL NEED:

A large plastic bottle with top, scissors, strong drawing-pin, stop watch and marker pen.



Nearly
time for a
drink of
water.

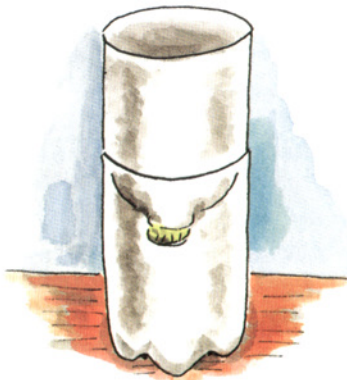




Ask an adult to help cut the bottle in two.



Make a small hole in the bottle top using the drawing-pin.



Upturn the top into the bottom.



Pour some water into the top and time how much water drips through in 1 minute, 2 minutes, 3 minutes and so on.



Mark the side and make a scale of minutes.

Experiment with the size of hole and bottle to make the most useful clock.

