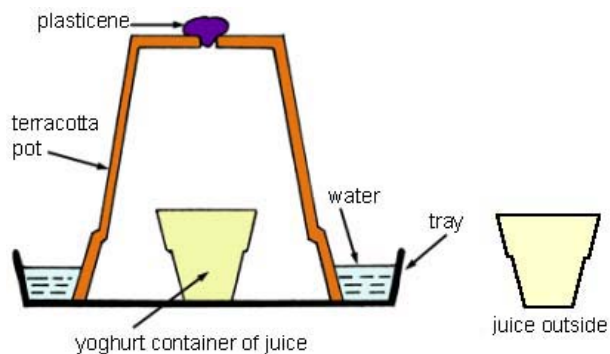


How well does a "green" fridge work?

How to do this task:

- Soak a terracotta pot in water overnight.
- Next day, place a container of juice in the tray, e.g., yoghurt container. Place the terracotta pot over this and block the hole at the top with plasticene. Next half-fill the tray with tap water.
- Once set-up as illustrated, place this and another yoghurt container of juice in a sunny place outside.



a) Record the temperature of the juice in both containers of juice every 3 minutes for the next 30 minutes. (Remove the plasticene to do this).

Time (min)	Temperature of juice under terracotta pot (°C)	Temperature of juice outside (°C)
0		
3		
6		
9		
12		
15		
18		
21		
24		
27		
30		

b) Write a summary of what your results show.

c) Explain how your "fridge" works.

d) Who might find this "type of fridge" useful?

e) Parts of this investigation may not be considered to be a "fair test".
Explain one way this investigation may not meet the requirements of being a "fair test".
