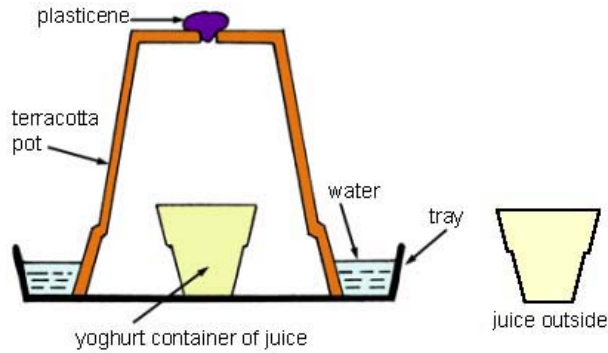


# How well does a "green" fridge work?

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).

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

b) Write a summary of what your results show.

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c) Explain how your "fridge" works.

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

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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".

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