

Sweating Glass

Focus

In winter it's cold outside. You get into a car at night and look out the window. Soon you can't see any more because the windows are covered with condensation. People who wear glasses also know this phenomenon very well. Their glasses 'fog up'. You can now examine how condensation happens.

Materials

- 1 clean, dry empty bottle or 1 clean, dry empty glass; (both without stopper)
- 1 refrigerator (or cold weather)

Procedure

- Put the bottle or glass into the fridge for at least an hour.
- Take the glass or the bottle out of the fridge!
- Watch the surface of the glass.
- What happens? Write down your observations.

CHALLENGE

Try to explain why the car windows were covered with condensation!