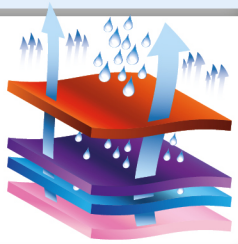
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Scientists... let's investigate!

START

Predict

Will there be any difference in the amount and speed of evaporation from the three locations? Which flannels will have the quickest and slowest rates of evaporation and why?



Method

Record the weather of each dry flannel.



Equipment

- [ ] Three flannels (different colours or numbered)
- [ ] Pegs and string or drying rail
- [ ] Scales
- [ ] Thermometer or data logger with temperature sensor
- [ ] Recording sheet and pencil

Repeat the process at your agreed time intervals until all flannels reach their starting dry weight, or until the end of the school day.



Submerge the flannels in a bowl of water then wring them out.

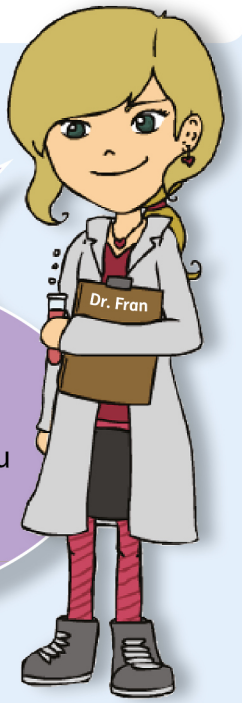
Go back to your flannels at your agreed time intervals. Observe any changes, weigh the flannels then peg them back up. Measure the air temperature and record all data in your prepared table.

Record the weight of each flannel again.



Is your test accurate?

Make sure that you allow the thermometer or sensor to settle on an accurate reading before you record the temperature. It may take a couple of minutes.





Hang a flannel in each of your locations. Record where you put each flannel then use the thermometer or data logger to measure and record the air temperature.



Written for Cornerstones by Dr Fran Barnes.

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