

THE FARM AND WEATHER



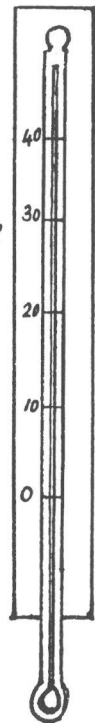
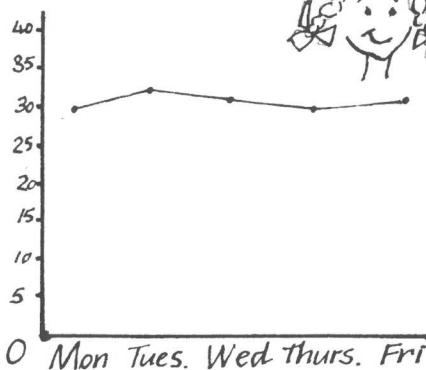
*1. The weather is very important to farmers. Ploughing and seeding, planting and harvesting time, lambing time and so on, are often determined by weather. The success and some times failure of a crop or cattle drive, for example, can depend on what the weather is like.

Farms today have their own weather-recording equipment. Let us make our own weather station!

MEASURING TEMPERATURE

Measure the temperature using a thermometer.

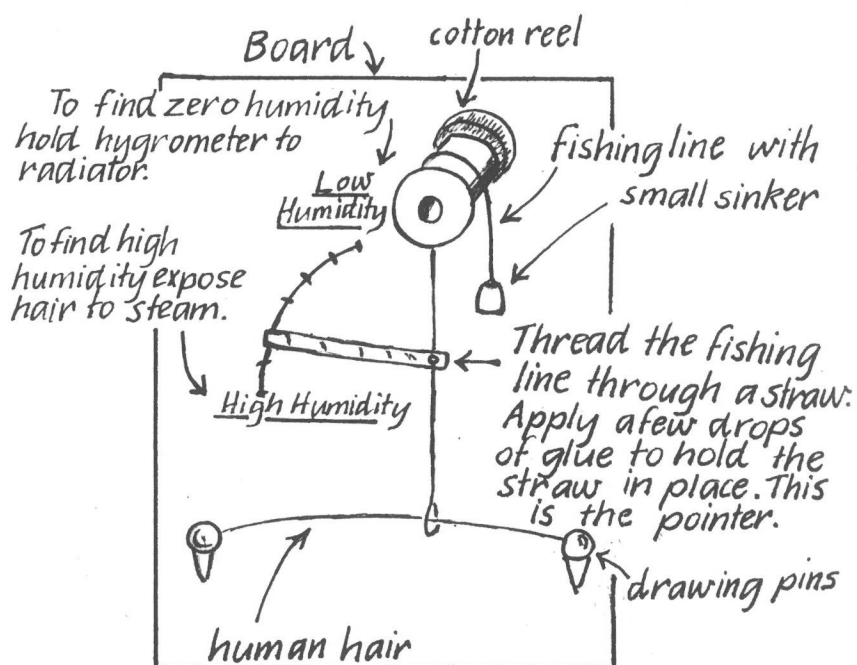
Eg:



Take the temperature everyday at the same time or times for a week. Record your findings.

MEASURING HUMIDITY

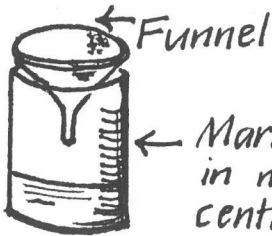
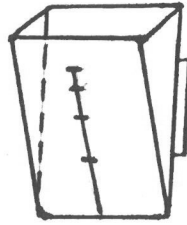
Humidity is the amount of water vapour in the air. To measure the humidity make a hygrometer. *2.



MEASURING RAINFALL

Measure rainfall using:

1. A commercial rain gauge
2. Your own rain gauge



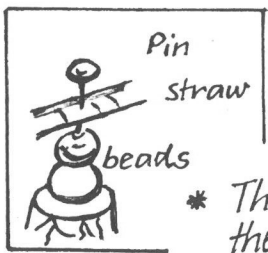
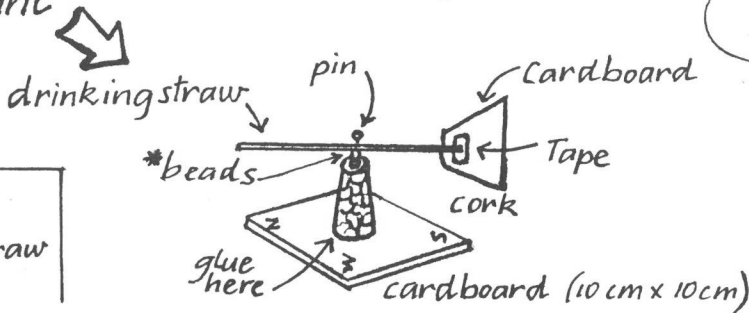
Funnel

Mark a jar in millimetres and centimetres

Record your readings on a "rainfall record chart."
(Design your own or collect one from the Bureau of Meteorology).

MEASURING WIND DIRECTION

Monitor wind direction using a wind vane



* The pin pierces the straw then passes through the beads to the cork, anchoring the 'vane' to the board.



Using a magnetic compass find out where North lies and mark N (plus S, E, W) on board. Now line the base of your wind vane up so that the N is pointing north.

Observe and record changes in the winds direction as follows:

| 8.1.93 | M | T | W | Th | F |
|------------|------|---|---|----|------|
| 10:00 am | SE | | | | |
| 12:00 Noon | calm | | | | |
| 2:00 pm | NE | | | | etc. |