

# **THE WEATHER CHART**



**COMPILED BY:**

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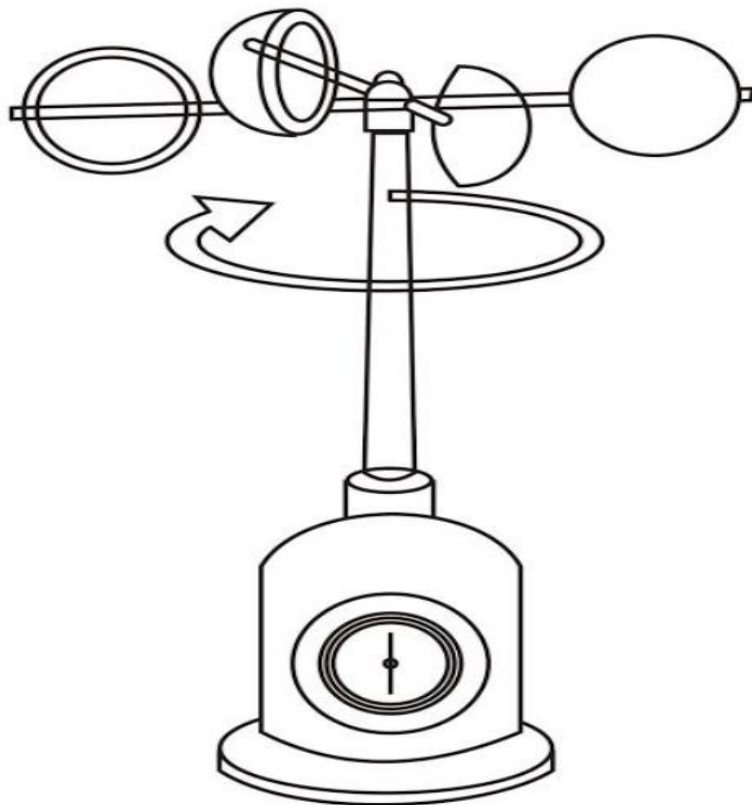
**“UNLOCKING YOUR CHILD’S FULL POTENTIAL”**

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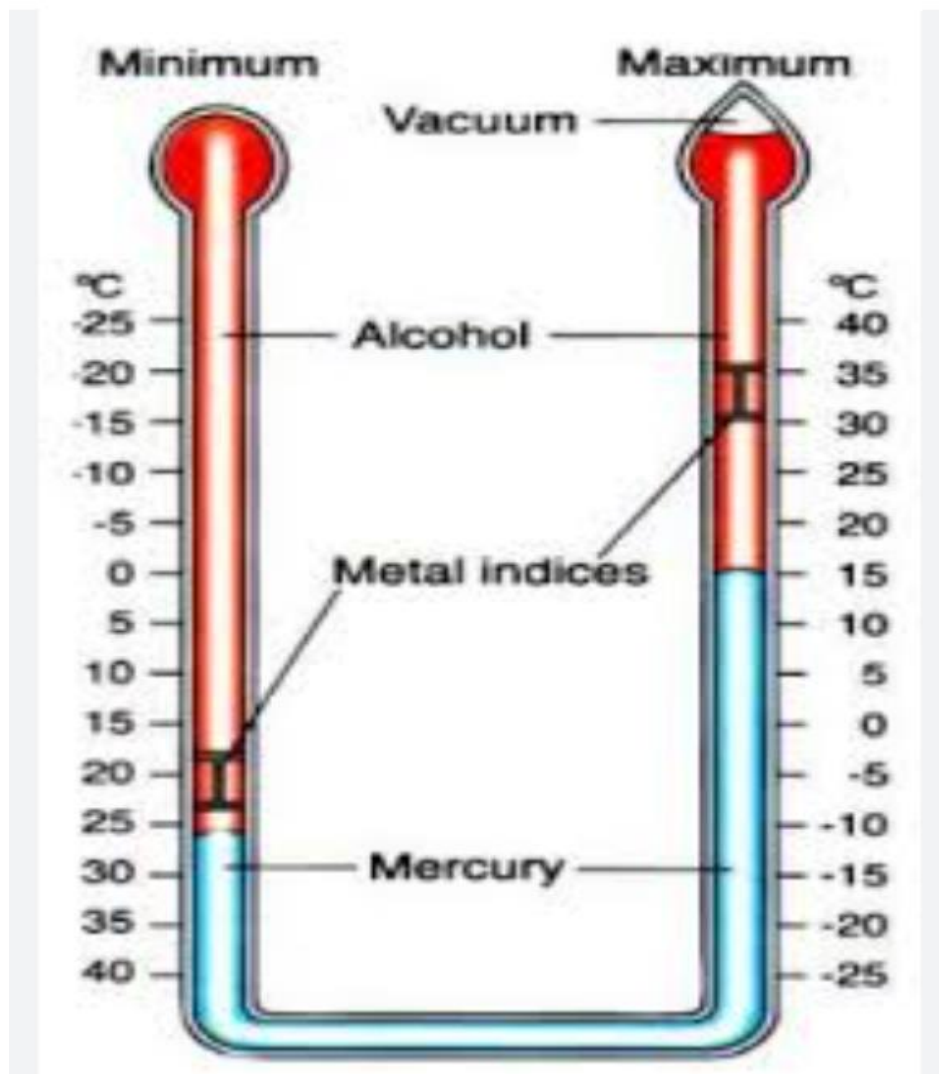
# ANEMOMETER

- Anemometer is used for measuring the speed of wind.
- It has cups which trap wind and rotate as wind blows in to them.
- The speed of wind is measured in Kilometers per hour [km/hr.]
- The element of wind measured is **wind speed**.



# **SIX'S THERMOMETER**

A Six's thermometer is used for measuring the lowest and highest temperature of a day.



# **BAROMETER**

- A barometer is used for measuring the air pressure.
- Air pressure is measured in millibars.
- Measuring air pressure enables experts to predict storms.



# **HYGROMETER**

Hygrometer is used for measuring humidity.



# WIND SOCK

- A wind sock is used to determine the strength of wind.
- A wind sock helps to show the direction to which the wind is blowing.
- It's usually found at the airport, airfields, chemical plants etc.
- The element of wind determined is **wind strength**.



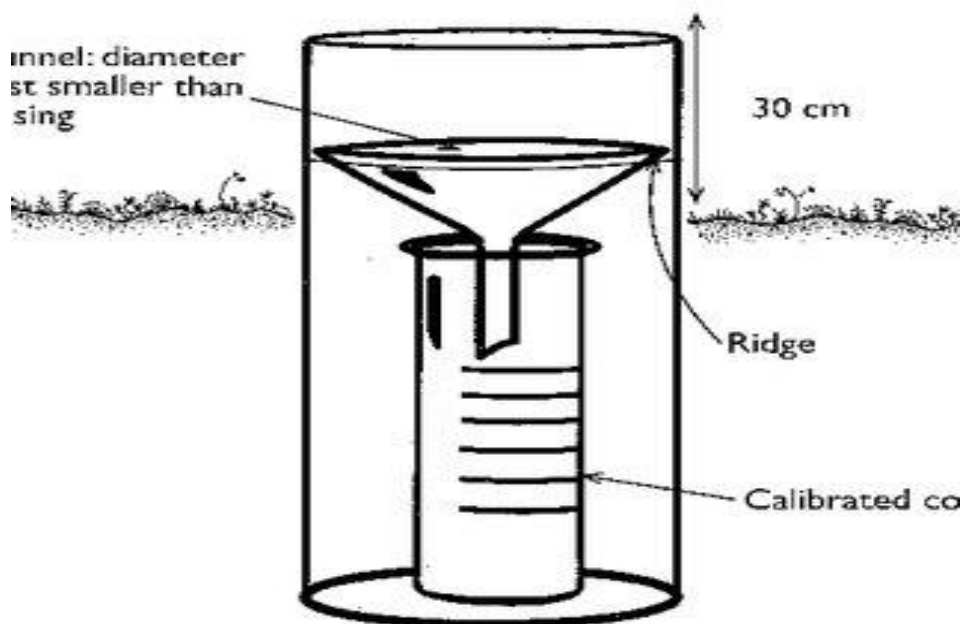
# WIND VANE

- A wind vane is used to show the direction of wind.
- A wind vane is used to show the direction from which the wind is blowing.
- The arrow of a wind vane usually points to the direction from which wind is blowing.
- The element of wind shown is **wind direction**.



# RAIN GAUGE

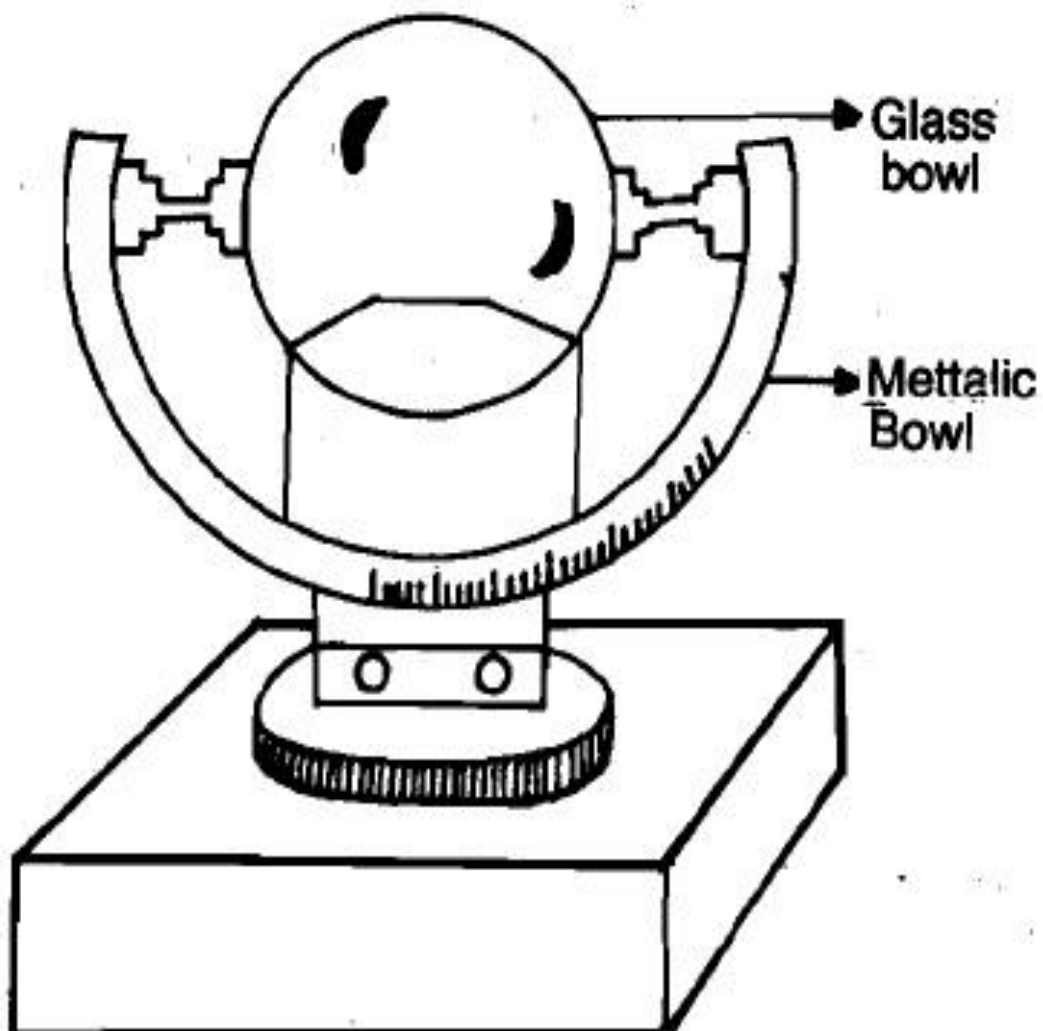
- A rain gauge is used for measuring the amount of rain fall received in an area.
- It is placed in an open flat place to prevent obstruction of raindrops.
- The funnel directs water in to the bottle.
- The water bottle collects the amount of rain water received.
- The measuring cylinder is used for measuring the amount of rain water collected in the bottle.
- Rain fall is measured in **millimetres** in order to know the depth of rain water in to the soil. OR **They measure how deep the rain water has entered the soil.**





# **SUNSHINE RECORDER**

- A sunshine recorder is used for measuring the sunshine intensity and duration of a day.
- The duration of sunshine is measured in hours.



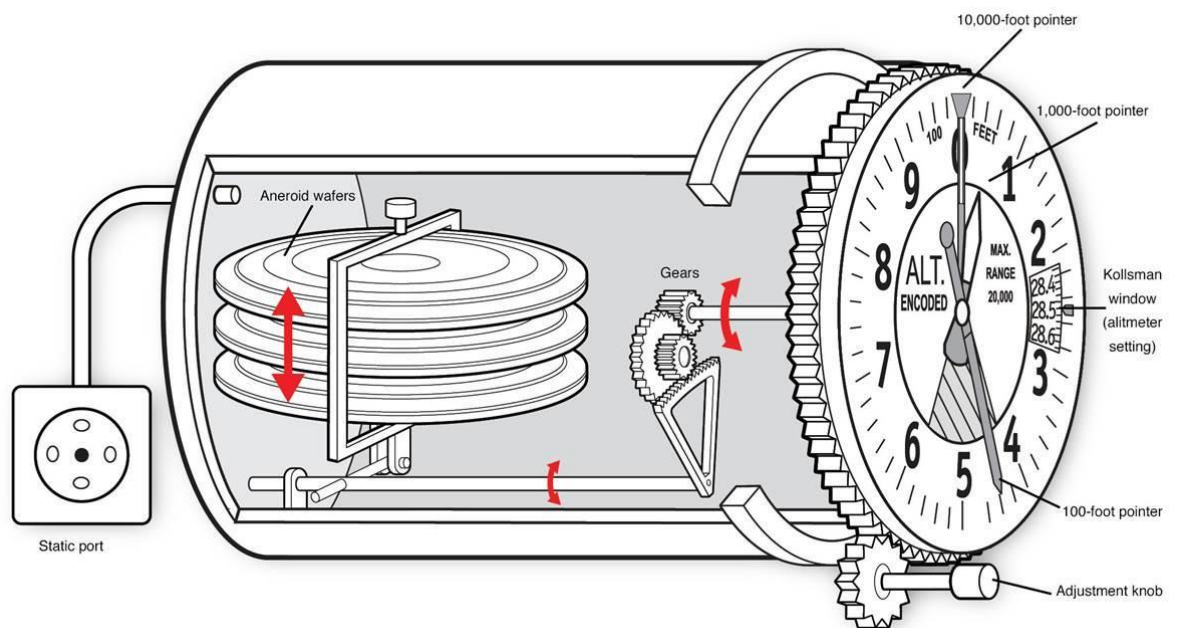
# **STEVENSON'S SCREEN**

- A Stevenson's screen is used for keeping delicate weather instruments.
- It is painted white in order to reflect sunlight so as to regulate heat.



# ALTIMETER

This is an instrument used for measuring altitude.



# CEILOMETER

A ceilometer is an instrument used for measuring the height and thickness of clouds.

