

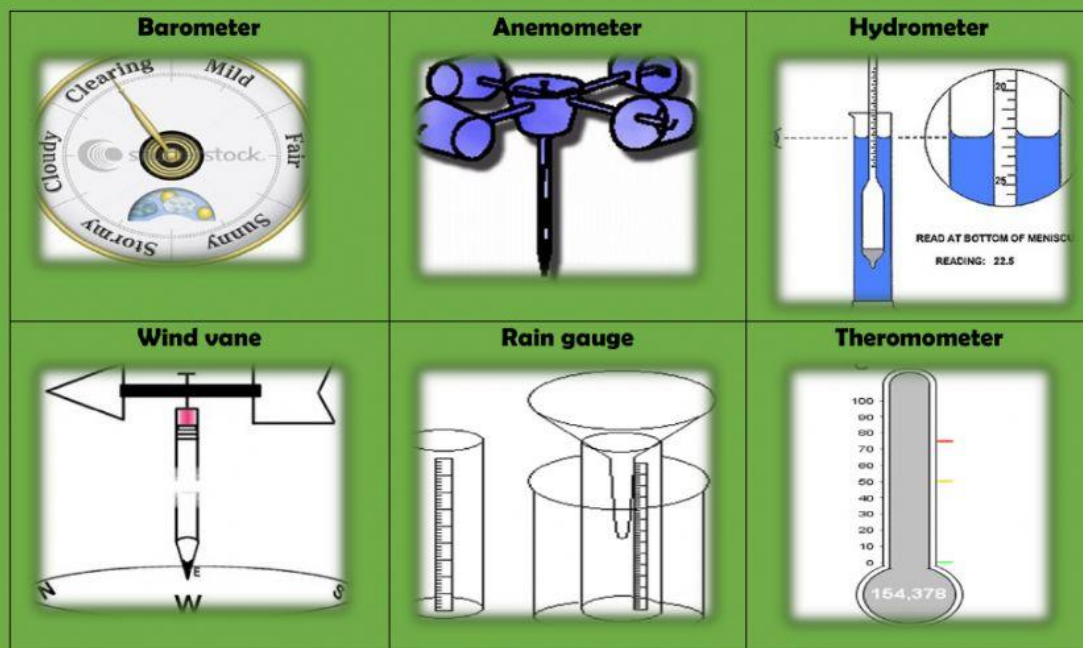
SCIENCE NOTES:

PREDICTING WEATHER

Weather is the condition of the atmosphere at a certain time and place. **Weather** is predicted for only a few days because weather is always changing.

Most weather conditions take place in the **troposphere** (the closest layer of the atmosphere to earth).

- A **meteorologist** is a person who studies the weather. A **meteorologist** uses



- An **anemometer** is used to measure *wind speed* and *direction*.
- A **barometer** measures *air pressure*. Air pressure is the weight of the air pressing down on the earth.
- A **hydrometer** (psychrometer) is used to measure relative **humidity**. Humidity is the amount of *water vapour* in the air.

The conditions that make up weather and are measured are:

*rain *air *humidity *air pressure *temperature *wind *water vapour

Climate is the average weather conditions *year after year*. Scientists were able to tell what kind of climate a place had by observing the weather conditions of the area over a long period of time. In The Bahamas, we experience a **sub-tropical climate**.