

Word	Definition	Prefix/Suffix	Picture
weather forecasting			
meteorology			
station model			
thermometer			
anemometer			
Weather balloon			
barometer			

Directions: Match the weather instrument with the correct description. Write the name of the instrument in the box by each picture.

*Instrument 1*

- Measures heat content of air
- Measures in Celsius or Fahrenheit
- Measurement usually taken 5 feet above ground in a shelter
- Liquid expands or contracts causing it to move up and down a tube



*Instrument 2*

- Measures air pressure
- Weighs the amount of air in a specific place
- Usually measures between 28-31 inches of mercury
- A falling measurement usually means a storm is approaching



*Instrument 3*

- Measures wind speed
- Measures how hard the wind is blowing
- Measured 33 feet above ground level on buildings or airports
- Several cups catch the wind and spin around a pole



#### Instrument 4

- Measures rain or snow over a set period of time
- Measurement reported in inches
- Collecting during high winds can give incorrect readings
- Many different kinds



#### Instrument 5

- Measures humidity
- Made of two thermometers one with a wet cloth on the end
- If the difference in the thermometers is very large, there is little humidity



#### Instrument 6

- Shows the direction the wind is blowing
- Does not work well with light winds

