

SCIENCE · GRADES 2–3

# Weather Instruments

How meteorologists measure the weather

## Six weather instruments

Instrument	What it measures	Units
Thermometer	Temperature	°C / °F
Barometer	Air pressure	millibars (mb) or inches
Anemometer	Wind speed	mph or km/h
Wind vane	Wind direction	compass points (N, S, E, W)
Rain gauge	Rainfall	millimeters or inches
Hygrometer	Humidity (water in air)	%

## Make your own rain gauge

Cut the top off a 2-liter plastic bottle. Turn the top upside-down, place inside the base — that becomes the funnel. Mark a measuring scale on the side using a ruler and permanent marker. Place outside, somewhere it won't be knocked over. Check daily.

