einstein™ Weather Station

The "Weather Station" is a weather monitoring tool that shows a dashboard of climate-related sensors. Its purpose is to enable teachers and students to visualize the weather status with chosen parameters, such as temperature, humidity, barometric pressure, UVI, dew point, heat index, and more.

The einstein™ Weather Station key features

Temperature	Dew Point	Heat Index	UVI	Relative Humidity
Light	barometric pressure	Wind Direction	Wind Speed	Rain Collector

External Sensors:

💧 Rain Collector

❄️ Wind sensor

What does the einstein™ Weather Station include?

MiLABEx software

Available by using the **einstein**™Tablet**+**3 or **einstein**™LabMateII paired with an Android, Windows or iOS tablet/ desktop

einstein™Tablet**+**3 — OR — **einstein**™LabMateII

The **einstein**™ Weather Station data is measured by using the **einstein**™Tablet**+**3 or the **einstein**™LabMateII's **internal sensors**

Light	Heat Index	Temperature	UVI	Dew Point	Relative Humidity	barometric pressure

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Use the **MiLAB**EX weather Station app for teaching activities

- Explore different climate metrics connections: rainfall and temperature, rainfall and pressure, temperature and wind speed, etc.

- Add in visual observations of clouds (amount and type) of visibility, thunder, lightning, snow, sleet, hail, etc.

- Introduce different science concepts: water vapor as a gas, evaporation and condensation, atmospheric pressure, etc.

- Examine school microclimate: measure and compare the weather data in different parts of the school

- Examine how does weather varies each season?