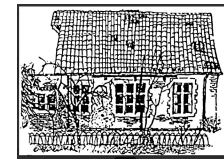


Computing
Data handling: Investigating weather

Swallows Class Summer Term 5



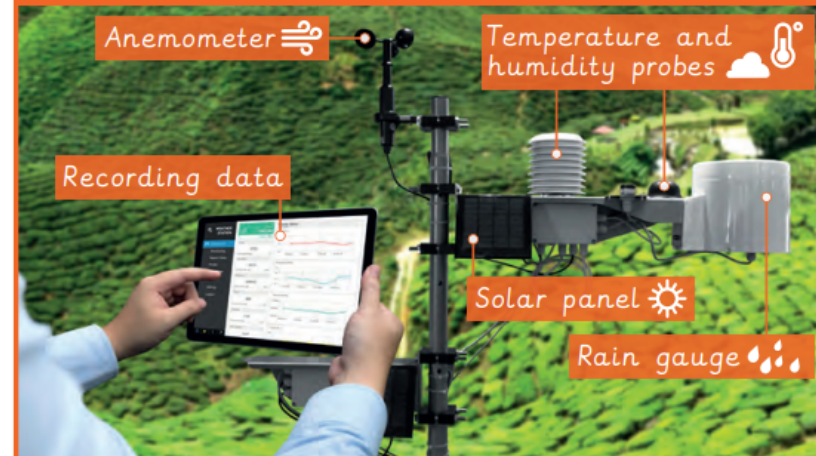
Vocabulary

accurate	Correct in all details; exact.: "an accurate assessment".
cylinder	A solid geometrical figure with straight parallel sides and a circular or oval cross section.
extreme weather	Unexpected, unusual, or severe weather events that fall outside normal, historical patterns for a specific time and location.
heat sensor	A device that detects and measures temperature by reacting to physical conditions.
satellite	An artificial body placed in orbit round the earth or moon or another planet in order to collect information or for communication.
solar panel	A panel designed to absorb the sun's rays as a source of energy for generating electricity or heating.
climate zone	Climate zones are distinct, large-scale regions of the Earth categorized by similar long-term weather patterns, specifically temperature and precipitation.
degree Celsius	A scale of temperature on which water freezes at 0° and boils at 100°.
filming	To capture on film as part of a series of moving images.
sensor data	Information generated by devices that detect and measure physical, chemical, or environmental conditions—such as temperature
thermometer	An instrument for measuring and indicating temperature.
measurement	The action of measuring something.
forecast	To predict or estimate.

Key facts

Kapow
Primary

A weather station uses a system of sensors to monitor the atmosphere:



Weather satellites collect and send data back down to Earth, after monitoring the atmosphere from space.

