

Year 4 – Summer 2 Knowledge Organiser

Fieldwork: We are Meteorologists



Heathfield Schools' Partnership

Following on from Year 2's fieldwork topic 'Weather Experts', Year 4 will be measuring different aspects of weather at school in their topic 'We are meteorologists'. They will present the data they collect in a range of different formats, including bar graphs, line graphs and pie charts. They will analyse their results and draw conclusions about the weather locally. As well as this, they will be using maps to compare the weather in the UK and Italy. Finally, they will be looking at the local environmental issue of asthma rates. They will analyse local asthma rates and decide what can be done to reduce rates of asthma.

Key knowledge and vocabulary

Weather: conditions in the atmosphere on a particular day, such as temperature, windiness, rainfall, hours of sunshine or cloud cover.

Meteorologist: a person who studies the weather.

Temperature: measured level of heat or cold in the air.

Rainfall: measured level of water that has fallen as rain, snow, sleet or hail in a given period.

Data Logger: electronic device that can measure light intensity.

Thermometer: equipment that measures the temperature in degrees Celsius.

Wind Vane: equipment that measures the direction of the wind– north, south, east and west.

Rain Gauge: equipment that measures the amount of rainfall in a given time period in ml.

Anemometer: equipment that measures the speed of the wind.

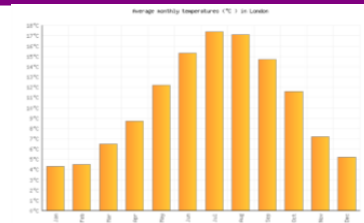
Thermometer



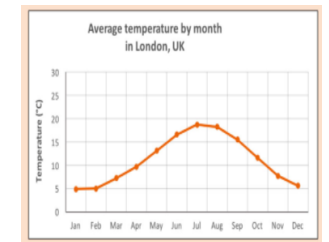
Data Logger



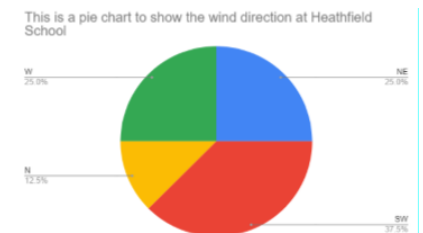
Bar Graph



Line Graph



Pie Chart



Wind Vane



Rain Gauge



Anemometer

