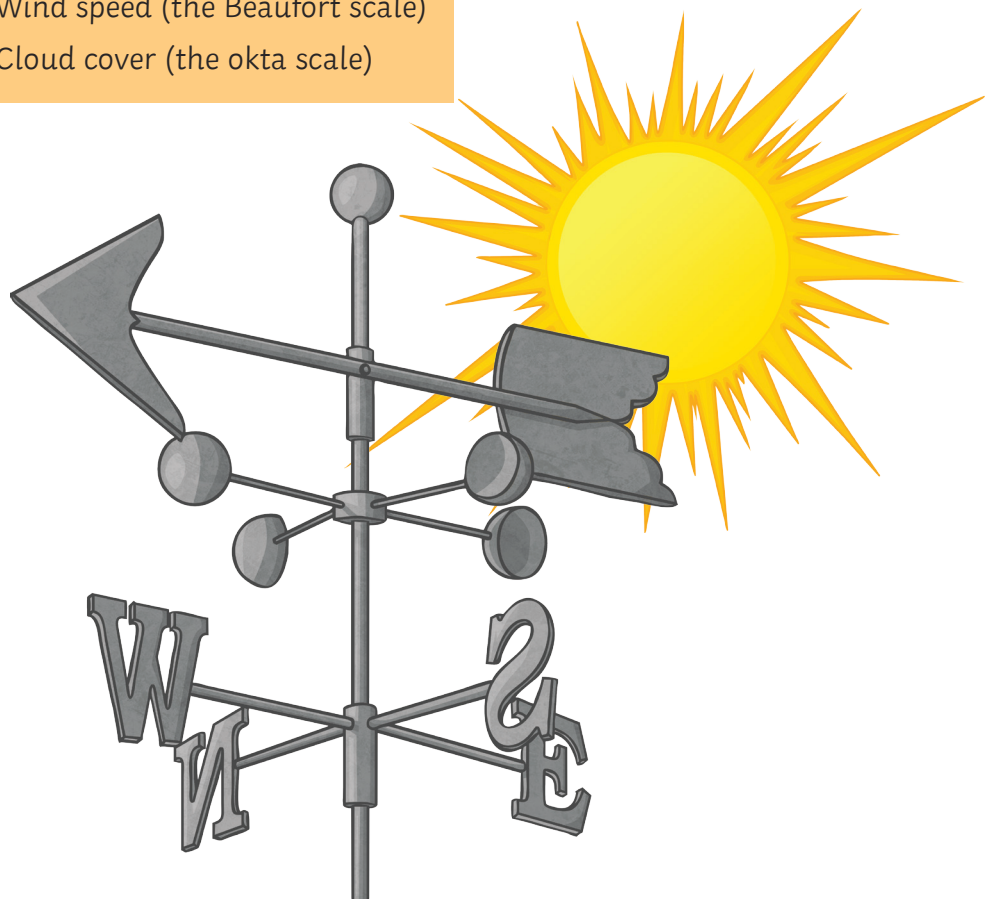


Weather Recording

You need to measure the weather over seven days. You should take your measurements at the same time each day and complete the recording sheet.

What to measure:

- Rainfall (rain gauge)
- Temperature (thermometer)
- Wind direction (wind vane)
- Wind speed (the Beaufort scale)
- Cloud cover (the okta scale)



On paper, complete a one-page **report** about your weather recording. This should include:

a. Method

Write a few paragraphs explaining how you recorded the weather. You should include:

- the dates and time you recorded the weather;
- the location, e.g. in the front garden;
- how you measured each type of weather including the equipment you used. Could you include any photos of yourself recording the weather?

b. Results

Draw at least two graphs to present your results. You could draw a bar graph to show rainfall and a line graph to show temperature. How else could you display your results? Make sure all graphs have a title and labelled axis.

c. Analysis

What do your results show? Which days were warmer? Colder? Wetter? Write a paragraph to describe the results shown by each graph. Can you suggest reasons for the weather you recorded?

d. Evaluation

How accurate do you think your weather recording was? What could have made your results inaccurate? What could you do to improve your weather recording next time?

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Rainfall (mm)							
Temperature (°C)							
Wind direction							
Wind speed (mph)							
Cloud cover (oktas)							
Other observations e.g. storm, mist.							

Remember to take your measurements at the same time each day.