

SCIENCE / GEOGRAPHY · Y2–Y5

# Weather Observation Pack

Outdoor learning activity

## What to observe outside

- Temperature (use the thermometer)
- Wind direction (which way are the clouds moving?)
- Wind speed (use the Beaufort scale below)
- Cloud type: clear / few clouds / overcast / stormy
- Precipitation: none / drizzle / rain / heavy rain / snow
- Visibility: can you see the distant buildings / trees?

## Beaufort Scale wind guide

Estimate wind speed by observation

- |   |  |
|---|--|
| ■ | 0 — Calm: smoke rises straight up                                |
| ● | 1–2 — Light: leaves rustle, you can feel it                      |
| ■ | 3 — Gentle: twigs move, flags extend slightly                    |
| ● | 4 — Moderate: small branches move                                |
| ■ | 5 — Fresh: small trees sway                                      |
| ● | 6 — Strong: large branches move, difficult to use umbrella       |
| ■ | 7+ — Near gale and above: whole trees move, walking is difficult |

