

Weather data detectives

Suggested: Years 2-4 | Pupil page

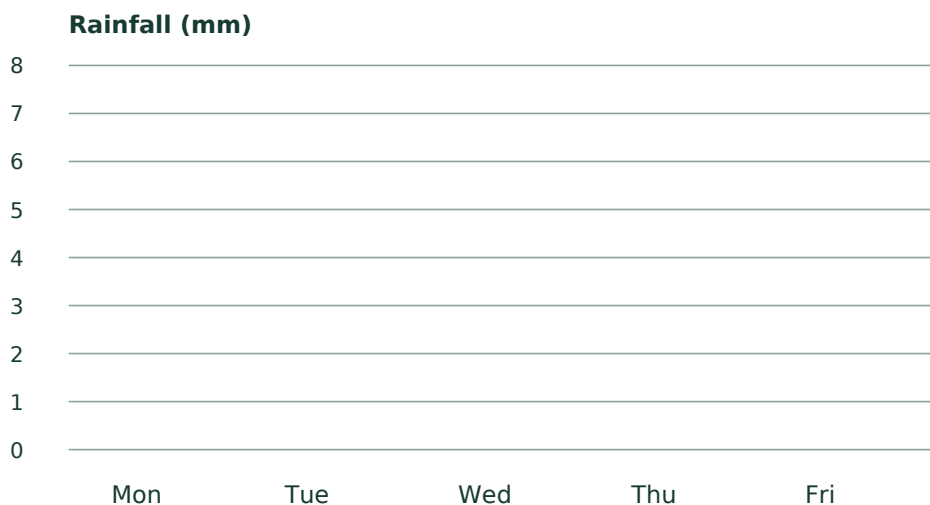
Turn a fictional rainfall table into a labelled bar chart.

Name: _____ Date: _____

This invented five-day record shows rainfall in millimetres (mm). It is not a forecast.

Draw one bar for each day. Start each bar at zero. The vertical scale rises by 1 mm at each line.

Monday 4 mm | Tuesday 0 mm | Wednesday 8 mm | Thursday 2 mm | Friday 6 mm



1. Which day was wettest?

2. How much rain fell in all five days?

3. How much more fell on Wednesday than Thursday?

4. Do these data tell us the temperature? Explain.

Weather data detectives | Teacher notes

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Purpose and use

Turn a fictional rainfall table into a labelled bar chart.

Teaching notes

Model one bar and leave the others for pupils. Label the unit and read the scale from zero.

Keep observations separate from guesses. Rainfall measurements alone do not show temperature, wind or what caused the weather.

Answers / suggested responses

Bars: Monday 4, Tuesday 0, Wednesday 8, Thursday 2, Friday 6 mm. A zero bar should be indicated at the baseline.

Wettest: Wednesday. Total: 20 mm. Wednesday had 6 mm more rain than Thursday. These data cannot establish the temperature.

Print and adapt

Print page 1 for the activity and keep this teacher page. Use A4 paper at Actual size. Suggested ranges are starting points, not curriculum-alignment claims.

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