

Reading and interpreting bar charts

MODULE 9 · DATA AND CHANCE

DATA & CHANCE

HOW TO ANSWER TODAY

- **Read a bar chart.** Read the top of each bar. Check the y-axis scale to see what each grid line is worth.

Each grid line = 5, bar reaches the 4th line → value is 20

STRETCH PROBLEMS

- 1 Aoife makes a bar chart of how many pupils in 4th class picked each fruit at the school fruit-tasting day. The bars show Apple: **38**, Pear: **27**, Orange: **37**, Banana: **34** and Plum: **18**. Which fruit was the most popular?
- 2 3rd and 4th class made a bar chart of their favourite fruit for a Seachtain na Gaeilge snack survey. The chart showed Apple: **37**, Pear: **21**, Orange: **12**, Banana: **15** and Plum: **32**. Which fruit was the most popular?
- 3 The whole school did a survey on favourite fruit and 4th class drew the bar chart. Apple got **25** votes, Pear got **22**, Orange got **37**, Banana got **36** and Plum got **11**. Which fruit was the most popular?
- 4 During the Cumann na mBunscol blitz, 3rd and 4th class made a bar chart of the points scored by each team. The Apples scored **20**, the Pears scored **31**, the Oranges scored **26**, and the Bananas scored **23**. Which team scored the most points?
- 5 For Seachtain na Gaeilge, four classes each made a poster and 3rd and 4th class voted for their favourite. Apple got **27** votes, Pear got **33**, Orange got **20** and Banana got **5**. Which poster was the most popular?

INVESTIGATE

Sunny day, wet day

Pick four playground choices. Estimate how many pupils might pick each on a **sunny** day and on a **wet** day. Draw both bar charts on the same scale. Which choices rise, which fall, and which stay about the same? Explain why.
