

Name _____

Class _____

Date _____

By the end of this worksheet I can...

- ☐ choose and justify bar charts, line graphs and pie charts
- ☐ explain the benefits of icons and symbols
- ☐ describe effective promotional graphics

I DO

Worked example Read how a full-mark answer is built

A report shows (i) the share of sales by colour, (ii) sales month by month for a year, and (iii) sales in five shops.

1 State the most suitable chart for each and explain why. (3 marks)

Full-mark answer each ✓ is one mark

(i) A pie chart, because it shows each colour's share as a part of the whole ✓. (ii) A line graph, because it shows the trend in sales over the year and can help predict future sales ✓. (iii) A bar chart, because it makes it easy to compare sales between the five shops ✓.

Why marks are not awarded

"Pie chart, line graph and bar chart, because they are easy to read."

0 marks if "easy to read" is the only reason given.

WE DO

Guided practice Use the starters and word bank to help you

An airport uses icons instead of words on its signs.

2 Describe two benefits of using icons. (2 marks)

Sentence starters

One ... is ..., which means ...

Another ... is ..., so ...

Word bank

familiar · recognise · language · modern ·
regardless · understood

Tip: 2 marks = 2 separate, developed points.

YOU DO

On your own No notes. Check your answers afterwards.

3 Quick check: tick one box for each.

a) Which answer scores for why icons are used?

- ☐ They are easy to read on any page ☐ They make the layout look modern ☐ They are colourful and eye-catching ☐ They are understood regardless of language

b) A pie chart shows...

- ☐ Change over time ☐ Comparison of many categories over time ☐ Parts of a whole ☐ Exact values only

c) Sales over 12 months are best shown as a...

- ☐ Pie chart ☐ Line graph ☐ Pictograph ☐ Exploded view

4 Key terms: write the letter of the matching description next to each term.

- | | | |
|----------------------|-------|---|
| 1. Bar chart | _____ | A Compares amounts between categories. |
| 2. Line graph | _____ | B Shows a trend or change over time. |
| 3. Pie chart | _____ | C Shows parts of a whole; segments total 100%. |

5 Explain what is meant by 'Benefit of icons'. (2 marks)

Check and reflect

Mark your answers with the answer sheet. Go back to the checklist on the site and re-rate each "I can" statement above. Which one still needs work?
