

Charts & Graphs

Name:

Date:

INQUIRY

China, Korea and Germany all top Olympic medal tables. What's the best way to display and compare their data?

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Bar chart	Bars show frequency of categories.
Pie chart	Circle divided into proportional sectors.
Line graph	Points connected — shows change over time.

Part A — Reading Graphs

1. A bar chart shows NIS students' nationalities: Chinese 45, Korean 28, German 12, Other 35. (a) How many students total? (b) What fraction are Korean? (c) What percentage are Chinese? [4 marks]

Part B — Choosing the Right Graph

2. Which type of graph would you use for: (a) Nanjing monthly rainfall (b) Favourite sport at NIS (c) How NIS budget is spent (d) Population growth of Seoul over 50 years? Explain each choice. [4 marks]

Part C — Drawing

3. Olympic gold medals 2024: China 40, Korea 13, Germany 12. Draw a bar chart in the space below. Include title, labels, and scale. [4 marks]