

Frequency tables and grouped data

WHAT THIS LESSON TEACHES

A frequency table records how many times each value or group appears in a set of data.

→ Shoe size 36 appears 4 times and size 37 appears 6 times.

→ Ages grouped as 0-9, 10-19, 20-29.

MODEL THIS ON THE BOARD

TALLY AND COUNT SCORES

- 1 List the scores in order: 4, 6, 7, 8, 9, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 24, 25, 27.
- 2 Draw three equal bands 0-9, 10-19, 20-29.
- 3 Tally each score into its band then write the total in the frequency column.

ANSWER KEY

Scaffold: visual check on the page

Q1: 0-9: 5; 10-19: 0; 20-29: 0

Q2: 0-9: 0; 10-19: 5; 20-29: 0

Q3: 0-9: 0; 10-19: 2; 20-29: 3

Q4: 0-9: 0; 10-19: 0; 20-29: 3

a) **Never** — Once grouped the exact scores inside each band are hidden.

b) **Always** — 15 lies inside the interval 10-19.

c) **Always** — Standard tally practice uses a gate of five.

d) **Never** — The value 10 would belong to both bands.

EXTENSION SHEET · STRETCH ANSWERS

S1: 5 gate(s) and 1 singles

S2: 2 gate(s) and 2 singles

S3: 2 gate(s) and 2 singles

S4: 6 gate(s) and 0 singles