

Making a block graph with a scale of one

WHAT THIS LESSON TEACHES

A block graph has one bar for each answer. With a scale of one, each square up the side stands for one, so the bar height shows the exact count.

- A bar reaching the 5 line means five children chose that answer.
- A bar four squares tall shows a count of four.

MODEL THIS ON THE BOARD

CLASS STATIONERY BLOCK GRAPH

- 1 Draw the bottom line and write the labels pencils, rulers and books under it.
- 2 Draw the side line and mark numbers 0 to 5 so one square equals one.
- 3 Colour the pencils bar upwards until its top sits on the 3 line.
- 4 Colour the rulers bar upwards until its top sits on the 4 line.
- 5 Colour the books bar upwards until its top sits on the 5 line.

ANSWER KEY

Scaffold: visual check on the page

Q1: 3

Q2: 1

Q3: 4

Q4: 5

a) Always — A scale of one means every square equals exactly one.

b) Always — Bar height matches the number who chose that answer.

c) Always — Every bar starts at the bottom baseline.

d) Always — The top of the bar lands on the number that equals the count.

EXTENSION SHEET · STRETCH ANSWERS

S1: step of 10

S2: step of 5

S3: step of 5