

# Dots, Stickers, Bars and Columns

Elaboration 5 · Choosing from a range of data displays

## ELABORATION FOCUS

Using dot plots, sticker charts, picture graphs, bar charts and column graphs to represent data, and choosing a display that suits the data being shown.

**LEARNING INTENTION** I can choose a display that suits my data and build it neatly.

Dot plot

Stickers

Bars

Columns

Choose

1

### Line Them Up

Step 1: mark one dot or sticker for each answer. Step 2: line them up evenly.

2

### Turn It Sideways

Step 3: bars go across. Step 4: columns go up.

3

### Pick the Best Fit

Step 5: try more than one. Step 6: keep the one that answers the question.

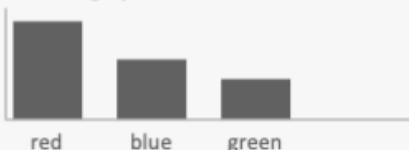
## MODEL · DOTS BESIDE COLUMNS

One mark means one answer in every display, and the spacing stays even.

red ■■■■■  
blue ■■■  
green ■■

dot plot

column graph



Whichever display you choose, one mark means one answer and the spacing stays even.

## TEACHER MODELLING ROUTINE

I do → We do → You do

### WATCH FOR

Uneven spacing or gaps, which makes one group look larger than it is.

### REMEMBER

Say it to students as: "Does one mark mean one answer, and is the spacing even?"

### MATERIALS

Sticker sheets, dot stickers, grid paper, counters, coloured squares, rulers.

*Teacher note: give the same data to different groups with different materials, then display them together. Students see quickly that the display changes while the data does not.*