

Bar Graph Step-by-Step Guide

- 1) Have your paper portrait
- 2) Your graph needs a title
- 3) Draw your x and y axis using a ruler
- 4) On your x axis, count 10 small squares then make a notch
 - a) Now choose your scale
 - b) 0-200,000 / 200,000-400,000 etc
 - c) The last one could be 1,000,000+
 - d) Write these scales in between the notches
- 5) On your y axis, count 10 small squares then make a notch
 - a) Each notch can equal 1 whole
 - b) Write the number in line with the notch
- 6) Using Resource 24, count how many UK cities have a population for your first group (0-200,000 etc.)
- 7) Draw your bar graph that tall (make it 5 small squares wide)
 - a) If it 4 cities, then your bar should reach the 4 mark
- 8) Repeat step 5, but focus on the Scandinavia cities
- 9) On your graph paper, next to the UK bar, draw your bar graph
- 10) Repeat steps 5-8 for the next grouping
- 11) Colour your UK bars in one colour
- 12) Colour your Scandinavia colours in another
- 13) Create a key so I know which colour relates to the correct country

Extra Mile 1 and 2:

- 1) Have you paper landscape
- 2) Repeat steps 2-4
- 3) Mark a notch every 14 squares (each bar will be two wide)
 - a) Have larger groupings
 - b) 0-500,000 etc.
 - c) Write these scales in between the notches
- 4) On your y axis, count 10 small squares then make a notch
 - a) Each notch could equal 2
 - b) Write the number in line with the notch
- 5) Using Resource 24, count the cities for each individual country
- 6) Complete your bar graph
- 7) Colour each country in a different colour
- 8) Create a key so I know which colour relates to the correct country

Extra Mile 3:

- 1) Have the population on the y axis in 100,000 intervals
- 2) On the x axis, make a notch every 5 small squares