

How to make a Choropleth Map

1) Look at picture number 1 on the right. Each dot in the square represents a child standing in the school playground.

2) Using a ruler and a pencil, join up the markers on opposite sides of the square. You will need to draw 8 straight lines. When you have done this, you will have made a grid (with 25 squares in total).

3) Count the number of children in each square in picture 1, and write down that number in the correct square on picture 2.

4) On picture 3, join up the markers on opposite sides of the square. Now, colour in the squares on this picture using the correct shading from the key below:

Number of children in each square	Density	Shading
0-2	Low	Light
3-5	Medium	Medium
6-8	High	Dark

5) Now look at your results. Why do you think children are not spread evenly across the playground? Suggest some possible reasons in the space below and on the back of this sheet.

