

## **Teddy Town**

https://nrich.maths.org/108

## Part A:

- In Teddy Town, there are 9 teddies and 9 houses;
  - 3 red
  - o 3 yellow
  - o 3 blue
- Can you match each teddy to a house so that the 9 pairs are all different?

## Part B:

• In Teddy Town, the streets are very special. If you walk along a street from east to west, or west to east, all the houses are a different colour and the teddies living in the houses are a different colour too. The same is true if you walk along the streets in a north-south or south-north direction. In other words, looking at the map grid, each row and column must have different coloured houses and different coloured teddies. Can you arrange the nine different combinations you've found on the map grid?