## Teddy Town

In Teddy Town, teddies are either red or yellow and they live in red or yellow houses.
There are 4 teddies - 2 red and 2 yellow, and 4 houses - 2 red and 2 yellow.

Can you put each teddy into a house so that the four combinations are all different from each other?

nrich.maths.org/roadshow

## Teddy Town 2

Imagine now that there are three different colours of teddies and houses - red, yellow and blue.

In Teddy Town now there are 9 teddies and 9 houses.

What are the nine different combinations of teddies in houses?

nrich.maths.org/roadshow

## Teddy Town 3

The streets in Teddy Town are very special. Looking at the map grid below, each row and column must have different coloured houses and different coloured teddies.

Can you arrange the houses and teddies on the map grid, making sure that all 9 pairs of houses and teddies are different from each other?


## nrich.maths.org/roadshow

