

Lesson Plan

NEUROHEADWAY

Neuroscience Into Education

Mathematics

Proportion and Fractions

Bag, bucket or box of coloured balls. Could even use Skittles (sweets).

Demonstrate how we work out the proportions of different balls – as a fraction of the whole and then show pupils how to work out the proportion as a percentage.

10 minute exercise: carry out a survey a survey of their choice:

Examples:

1. Different coloured cars in the staff car park.
2. Pull out 10 random books in the Library and see how many book titles start with the word “the”.
3. How many people go to office reception – the proportion of girls, boys, men women.
4. How many pencils, scissors in a pencil/scissor holders are different colours.

And so on.....