Calculating relays

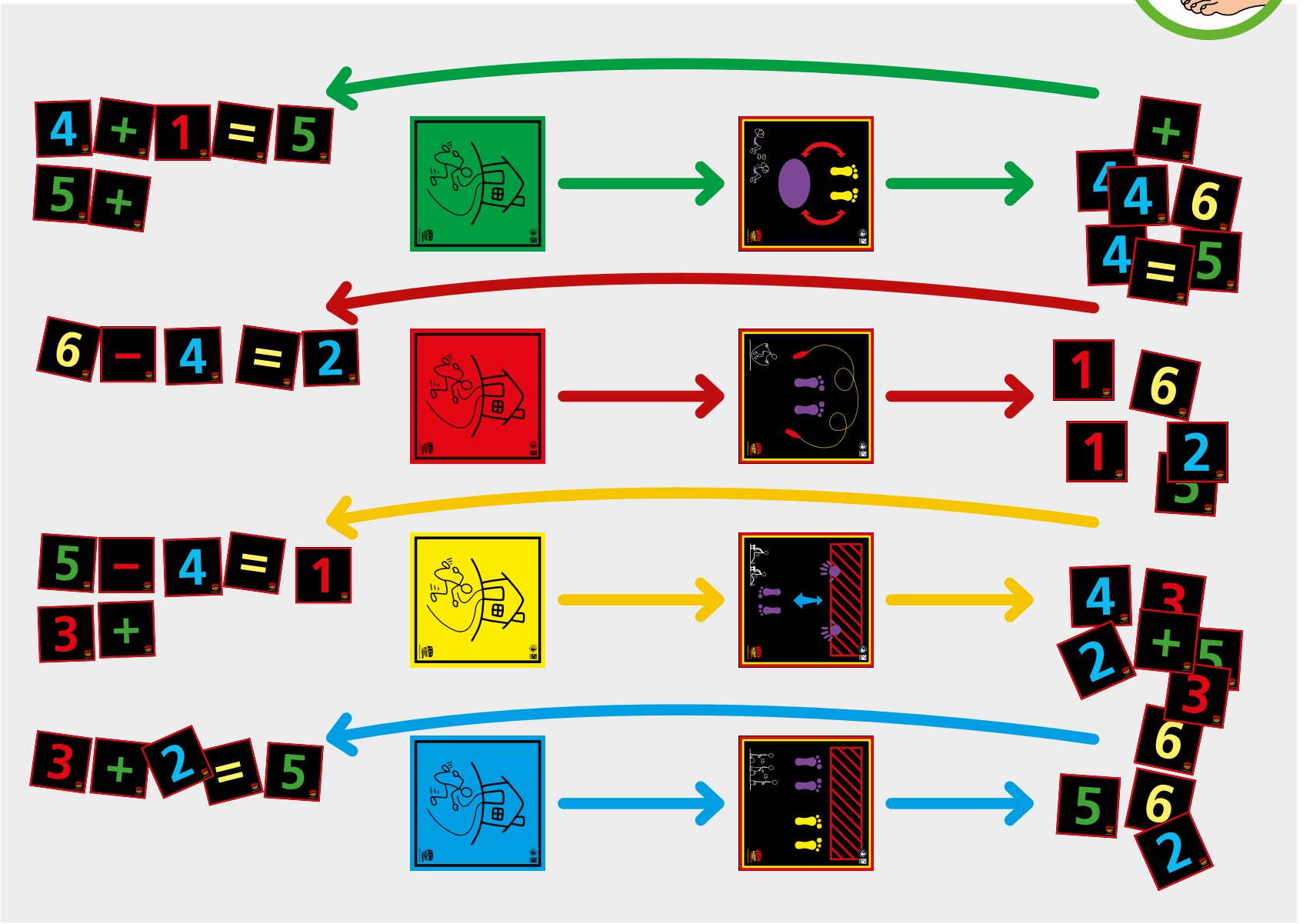
Year
2

Focus
Addition and Subtraction

What's needed
Home Mats

Action Mats required:
Action Mats

Maths mats required:
Single and double digit mats, -, +, =



Warm Up

Maths Madness

Students work individually and move around the space (skipping, hopping, jogging etc) until a simple addition / subtraction calculation is called by the teacher. The students must work out the answer to the calculation and get into groups equating to the answer to the calculation. For example; 3 + 1 = 4 would mean students should get into a group of four.

With more able groups the calculation called by the teacher could include addition and subtraction in the same calculation. For example; 3 -2 + 5 = ?

Main task

Calculating relays

Students should be grouped into 4s. Each group should be allocated to a Home Mat. All team members stand behind the Home Mat apart from the person who is first in the queue who stands on the Home Mat.

The teacher counts up or down from 10 to 20 or 20 to 10. Students should be encouraged to count with the teacher to reinforce counting up / down using numbers 10 – 20. When the teacher / students have reached the final number the first person from each group should run to the Action Mat, perform the action 5 times and then run to the Maths Mats and collect any number from the floor. They then run back to their group as quickly as possible (no need to perform the action on the way back).

When the student gets back to their group they place the number on the floor to the side of their Home Mat. As soon as the mat is on the floor the next student in the queue repeats the task but can collect an addition (+) or subtraction (-) symbol, the third student collects a number and the fourth student an equals sign (=). The group must then work out the calculation they have created before one of the students runs to collect the number(s) which give the answer to their calculation.

The game ends when the first group have created four calculations, put them on the floor next to their mat and have sat down on their Home Mat.

More able groups / students might be encouraged to use two – or + signs in at least one of their calculations.