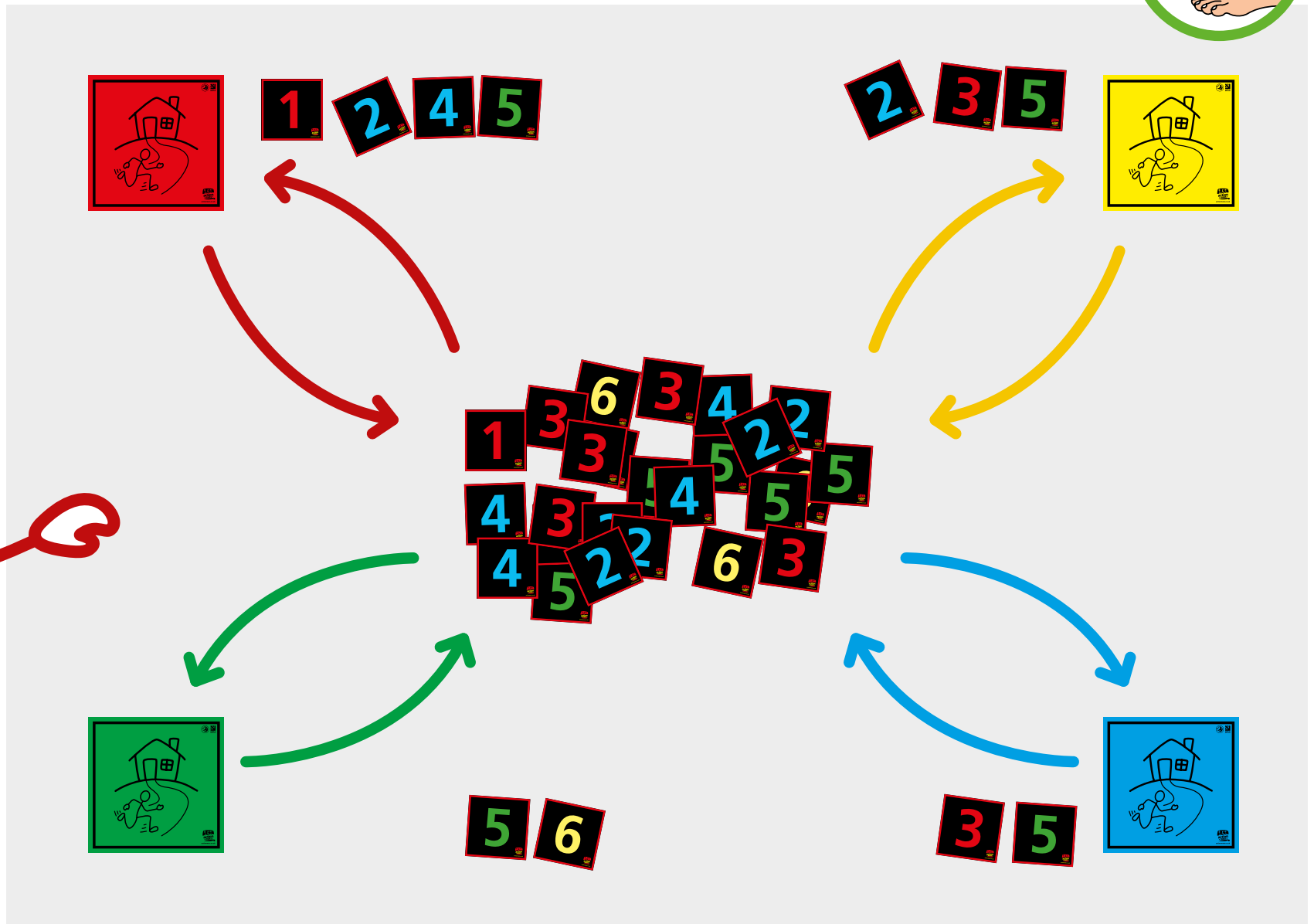
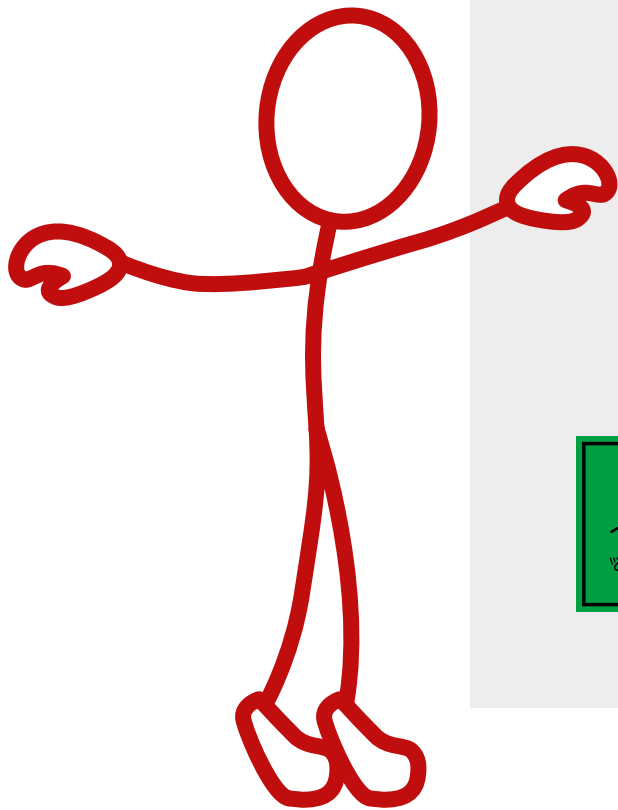




Fraction
Orders





Year

6

Focus

Fractions

What's needed

Home Mats

Maths mats required:

Single and double digit mats and fraction mats

Warm Up

Fraction Actions

Students work individually and jog in the space allocated in random directions. When the teacher calls out a fraction the students must stop still and then try to balance with that fraction of their body in contact with the floor. For example, if the teacher calls out a $\frac{1}{2}$ the students balance with no more than half their body in contact with the floor.

To add some challenge, the students could try to perform the balances in small groups of 2, 3 or 4s.

Main task

Fraction Orders

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 projects a 60 seconds countdown timer on the wall or whiteboard. The students have to take it in turns running from their Home Mat to the Maths Mats in order to collect a single digit, double digit or fraction Maths Mat. The collected Maths Mat should be brought back to their Home Mat and placed on the floor next to the Home Mat before the next student runs to the Maths Mats.

When the 60 seconds is up the students have another 60 seconds to try and arrange their mats into either ascending or descending order.

The game can be played competitively with the winning team having the most numbers / fractions in the correct order first.

Whole numbers can be placed on top of one another to make larger fractions (E.g. $12/8$)

To start with just use numbers up to 10. As the students get better at the game you could introduce larger numbers.