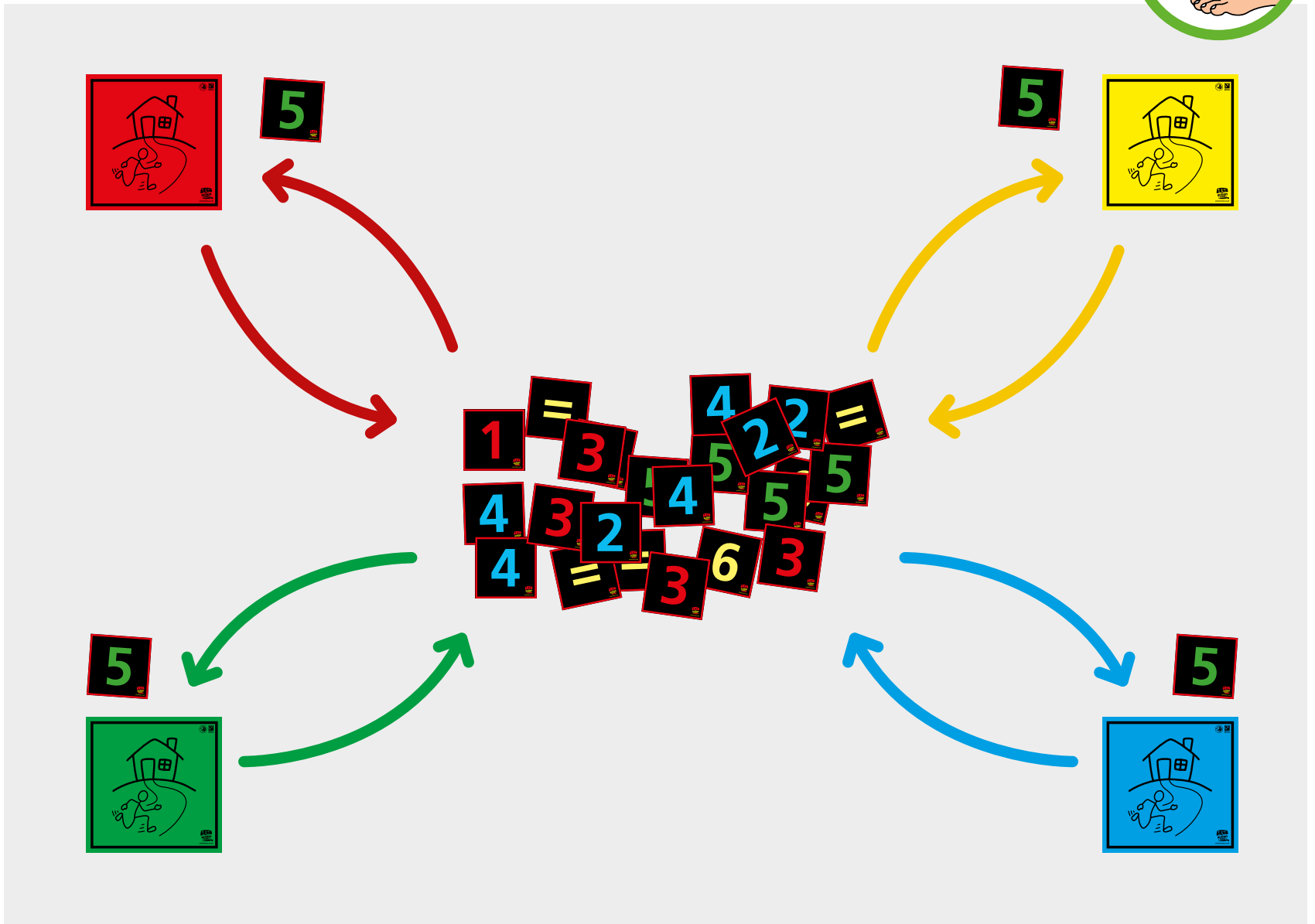
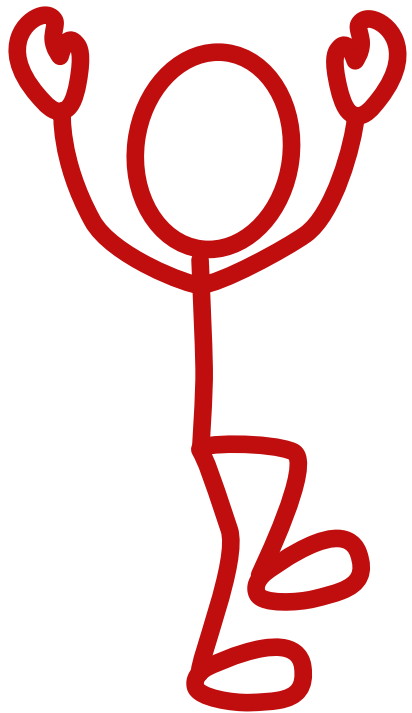




Angle relays





Year

6

Focus

Angles

What's needed

Home Mats

Maths mats required:

Numbers (single and double digit), angle mats, =, - and =

Warm Up

Angle Antics

Before the game the teacher will need to create four A4 cards with the following angles written on them – right angle, acute angle, obtuse angle and reflex angle. One of these should be displayed in each corner of the room.

The students should move around in the middle of the space using a variety of movements such as jogging, skipping and jumping. The teacher should call out a degree (e.g. 170°) and the students should run to the correct name for the chosen angle. This game can be played competitively if you wish by giving each student three 'lives' to begin with. They lose a life every time they select the wrong name answer.

Main task

Angle 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 Maths Mats should be placed in the middle of the room as shown above.

Game 1 – The teacher calls out the name of an angle (right angle for example). The first person in the queue sprints to the Maths Mats and collects the numbers that represent the angle called – in this case 90 to represent the 90 degrees of a right angle. The first team back to their home mat with the correct answer wins their team a point.

Game 2 – This is similar to the game above but instead of collecting just one number the students run (one at a time) to collect numbers and mathematical symbols to create an equation which gives the correct answer (e.g. – for a right angle they might create a sum such as $40+50=90$)

Game 3 – The students run one at a time to the Maths Mats and collect four sets of numbers (one set per person) which represent all four different types of angle (e.g. 90 for a right angle, 184 for a reflex, 105 for an obtuse and 15 for an acute angle).

All games can be competitive if you choose with the first team back with the correct answer getting a point. The game ends when one team has accumulated 5 points.