



## Number tile Surprise

**Year**

3

**Focus**

Multiply 2 digits by 1  
digit

**What's needed**

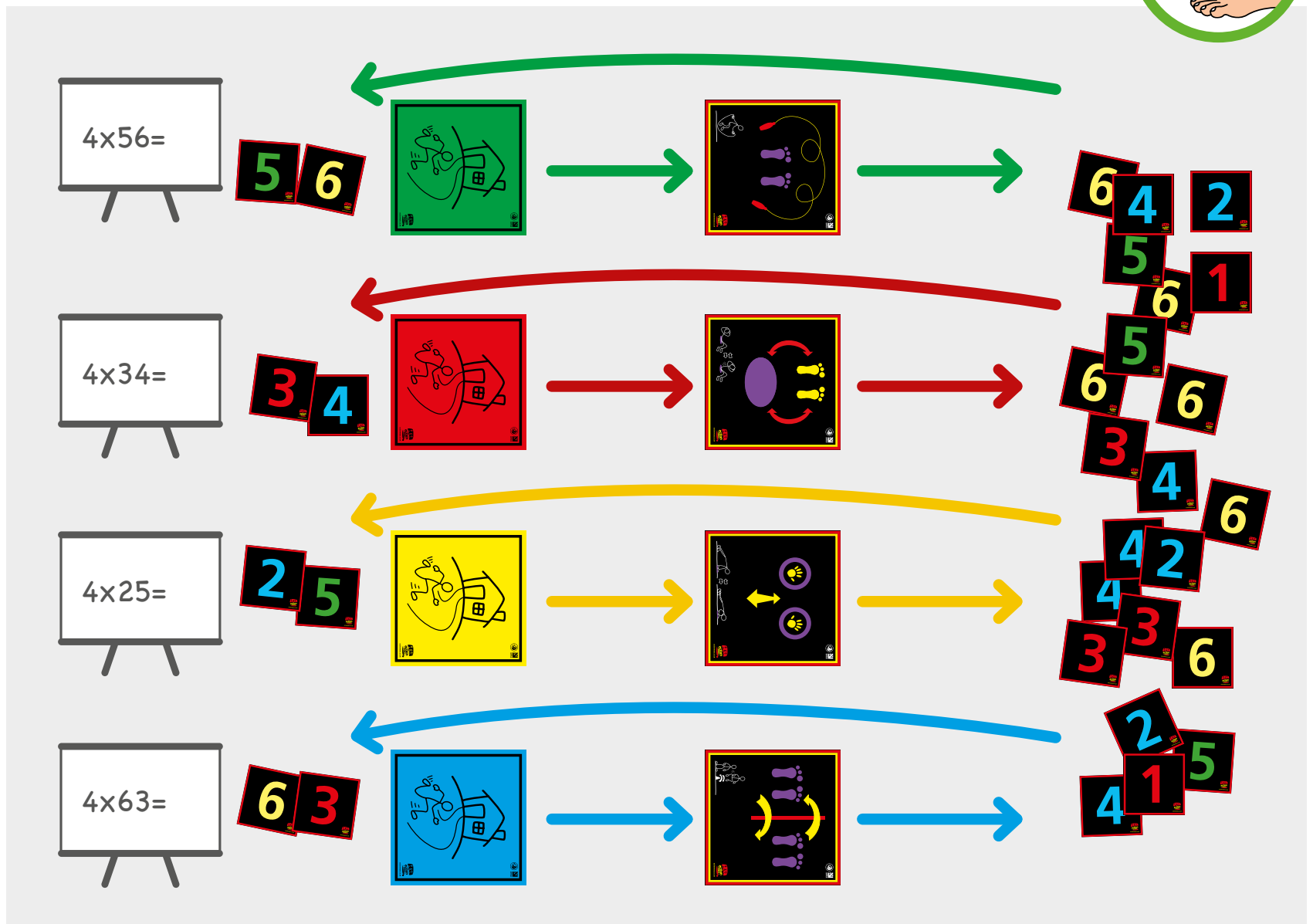
x4 Home Mats

**Action Mats required:**

Speed Bounce, Skipping Mat,  
Sit-ups and Push-ups

**Maths mats required:**

Number tiles that are x two-  
digits.





## Warm Up

### Place Values

Pupils get into a space in the area. If the teacher calls out "10 sit-ups" The pupils have to move to the centre of the area where the Action Mats are and perform 10 sit-ups each. If the teacher says "1 press up" the pupils move to the area where the number tiles are and perform x1 press up each. If the teacher says "100 Star jumps" - the children have to go to the area where the Home mats are and get in groups of say 4 or 5 and as a group have to perform 100 star jumps in total



The teacher could say a number less than 10 rather than just 1 for the 1 digit repetitions of exercises e.g. x4 rocket ships or x7 lunges.

## Main task

### Number tile Surprise

Pupils start on the Home Mats in groups of 4 or 5. The teacher holds up a Maths tile e.g. "4" and the first team member of each team stands up, runs to the Action Mat in front of them and performs x4 repetitions on the Mat. Once performed, the pupil runs forward and collects two number tiles which will give them two digits. The pupil then runs straight back to their team. Once they are back at the home mat, they arrange the two digits and as a team, they multiply the two arranged number tiles by the number of repetitions e.g. "4". The group write on their whiteboards and then the next pupil can go. The teacher is the holding up another number tile to confirm the number of repetitions the next pupil is required to perform. Once all the pupils in the group have performed. Ensure that all members of the group have all of the information on their whiteboards and the teacher collects the "used" number tiles. Pupils then move in their groups, down / up to the next home mat and perform the activity again but for the next set of exercises .



Change the movement of the pupils when moving to the Action Mats e.g. hopping, balance a bean bag on their head etc. Change the number of repetitions that the pupils have to perform e.g. smaller one-digit number to make easier and a larger one-digit number to make harder.