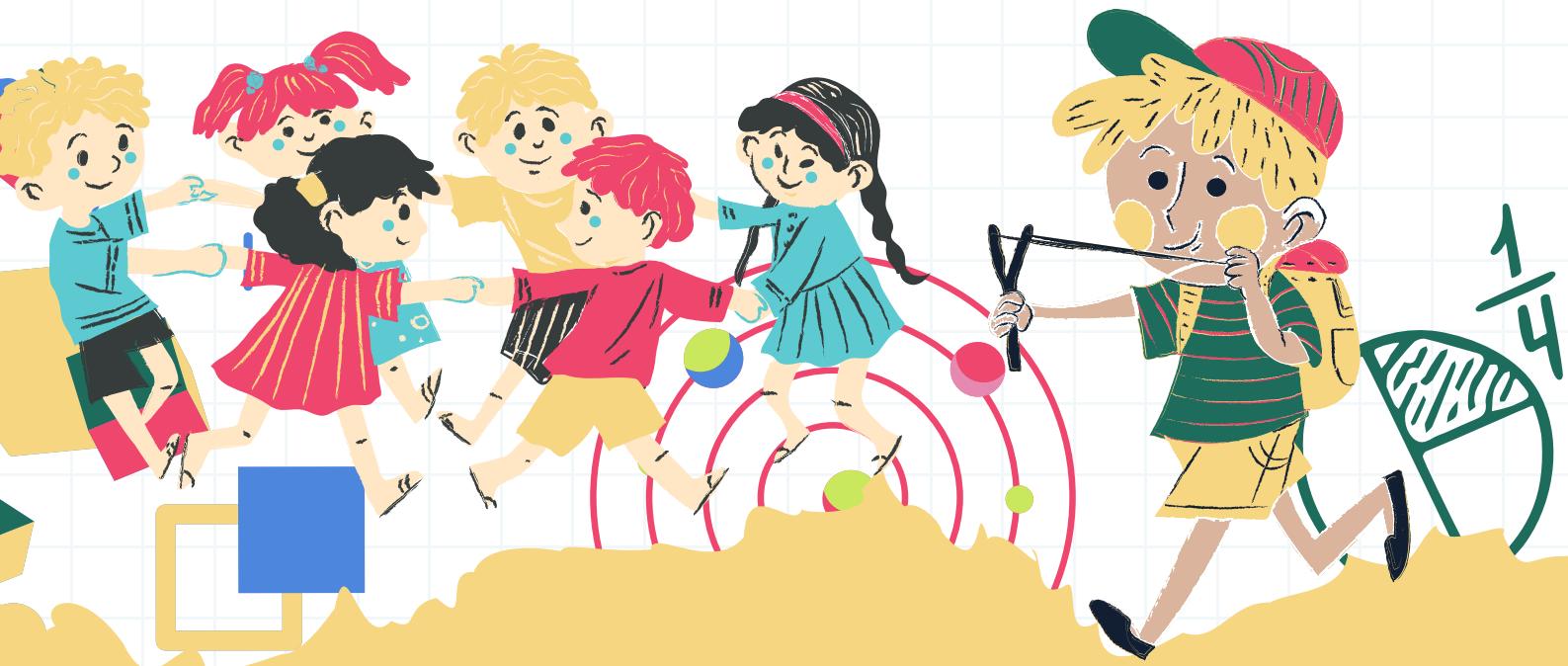




# MATH&MOVE

## PRACTICE SHEET

### Basic operation - addition



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**TOPIC:** Addition of 2 numbers, and double-digit addition sums

**DURATION:** 15-30 mins

**LEVEL:** 2 (ages 8-9)

**PARTICIPANTS:** Groups of 4-6 pupils

**Note:** Group size can be increased to include 8-10 pupils if the hopscotch board has large enough spaces

**Required material for this activity**



**1** **2 dice, each containing multiples of 5 from 5 – 30 (5, 10, 15, 20, 25, 30) to be filled in the 6 empty spaces.**

- You can use regular dice and then paste pieces of paper with the new numbers to the sides of the dice, or you can make your own dice with paper ([How to make a paper Dice?](#))

**2** **A hopscotch board with 12 spaces containing multiples of 5, starting from 5 until 60 (5 – 10 – 15 – 20 – 25 – 30 – 35 – 40 – 45 – 50 – 55 – 60), and being large enough for children to pass by each other and occupy the same space.**

**3** **1 piece of chalk for tracing the hopscotch board on the pavement**  
(this activity is recommended for an outside area)



# INSTRUCTION AND DESCRIPTION OF THE ACTIVITY

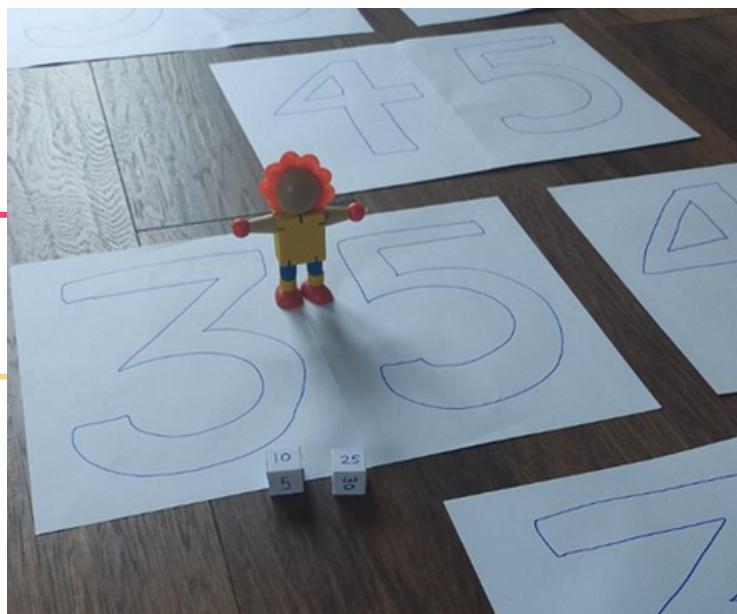
## Instruction

Practice double-digit addition by calculating the sum of the numbers from a roll of 2 dice and then jumping to the number marking that sum on a hopscotch board. Play in groups of 4 – 6 children; taking turns rolling the dice and hopping on the board. Each player who hops to a board space must stay there until everyone from his/her team has jumped to their sum. The highest sum from the dice is 60, but can you add up all of your sums as a group to make one final sum?

## Activity

1

Observe the learning area and notice the drawing of the hopscotch board (1) and the dice (2). Read aloud the numbers you see from lowest to highest – 5, 10, 15, 20, 25, 30... These numbers are all multiples of 5, and adding them together will always result in an answer that ends in 0 or 5. Divide into groups of 4-6 pupils – you will take turns using the 2 dice and the board to make double-digit sums from the numbers you roll.



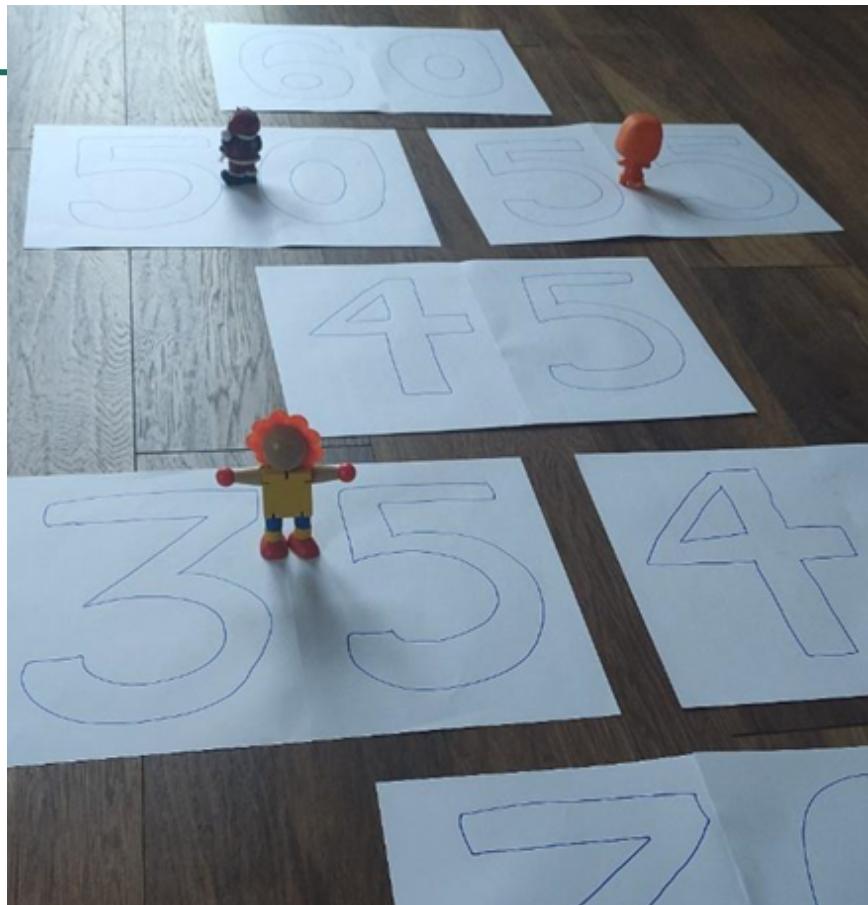
2

When it's your turn, throw the dice and add up the two numbers that you see (for example:  $10 + 25$ ). Once you figure out the sum (35) look at the hopscotch board in front of you to identify the position of the number '35', and then hop to that space on the board.

2

3

You will remain on that space until the rest of your team members have taken their spaces on the board alongside you, by rolling the dice and hopping to the space marked as the sum of their dice numbers.

**FINAL STEP**

Now that all members of your group have hopped to spaces on the board, make an overview of the board spaces:

- Has anyone reached the highest sum of 60? If yes, which two numbers made up that sum?
- Which is the lowest sum on the board and which numbers made up that sum?

Keep having fun on the board by trying to sum up all of the sums to make one final big number!