

# A DICE GAME

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## Instruction Card

**Aim:** To help 3 – 5 year olds discover the numerical value of numbers.

### Consists of:

- 1 instruction card
- 1 Game board for each player
- 1 A4 page with cut-out dice

### You will need:

- Prints of templates used for creating dice.
- Prints of a set of game boards that represent the number line.
- A pair of scissors.
- A glue-stick.
- Pasta pieces to use as game pieces.

### Setting up the activity:

- Print the dice templates and a set of 2 game boards for each player.
- If desired, laminate the game boards before cutting them out.
- To make the paper dice, cut out the templates and fold the paper on the dotted lines before gluing the sides together to create two cubes.
- You can download the PDF file containing the templates and game boards [here](#).

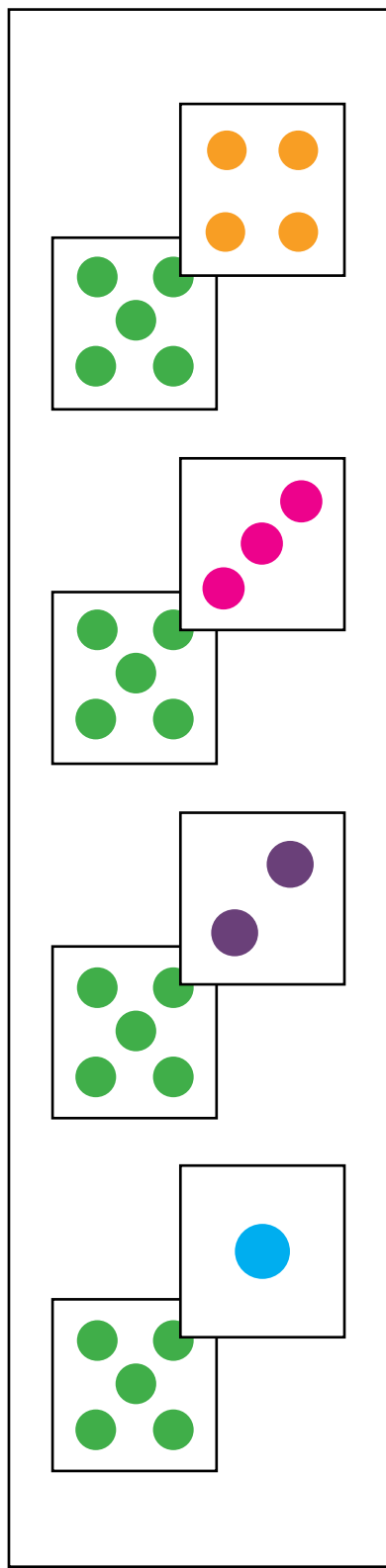
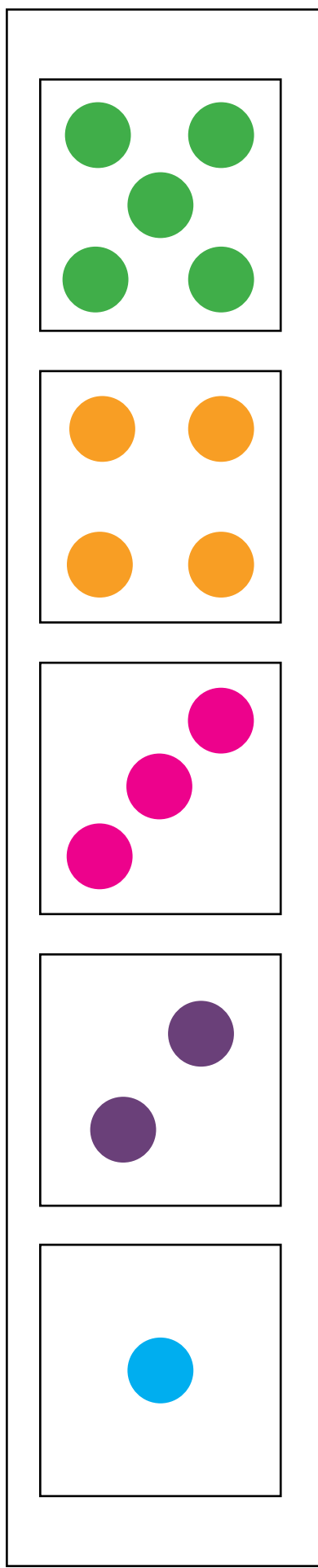
### Note:

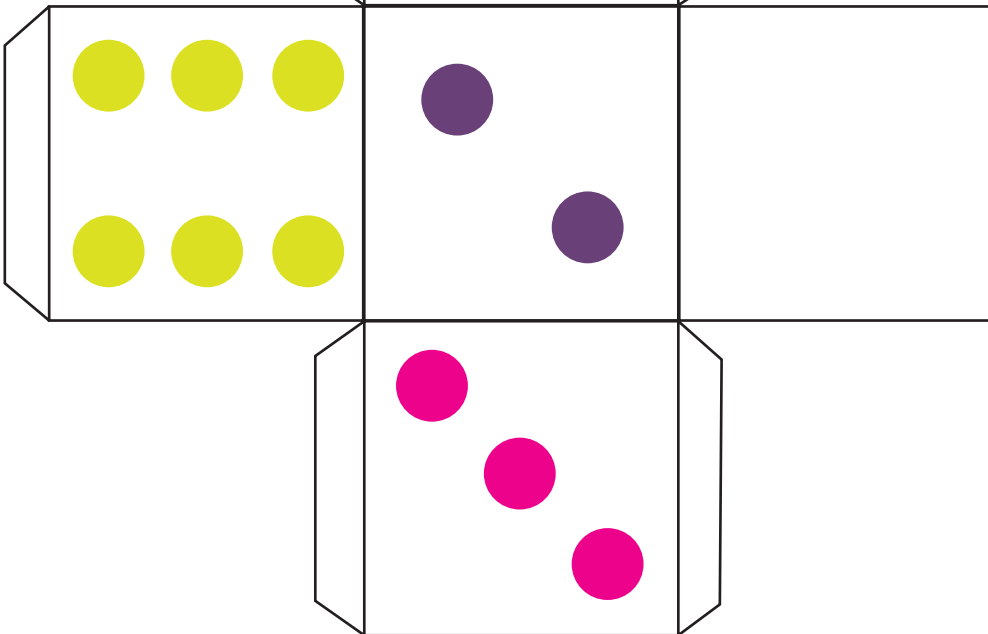
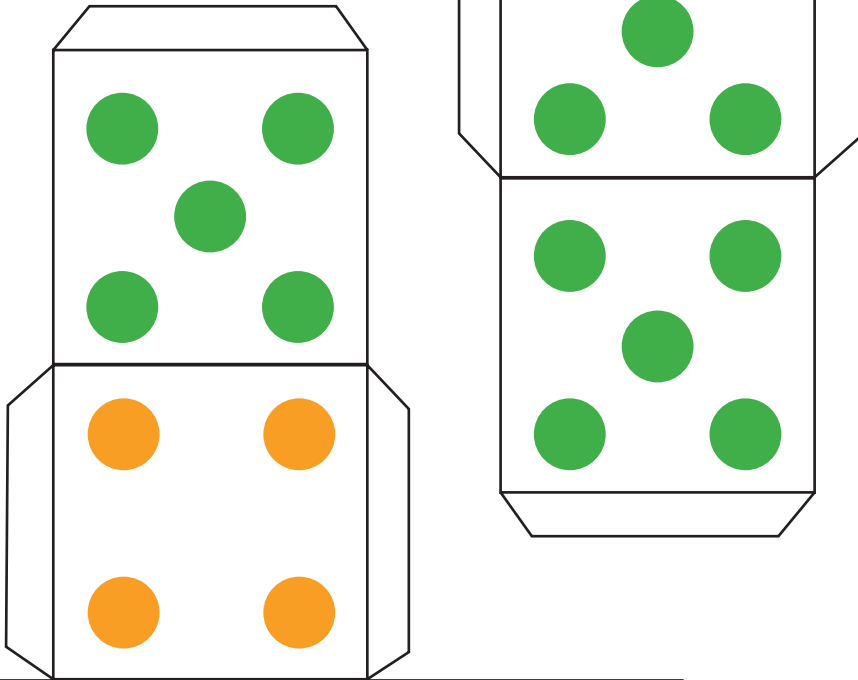
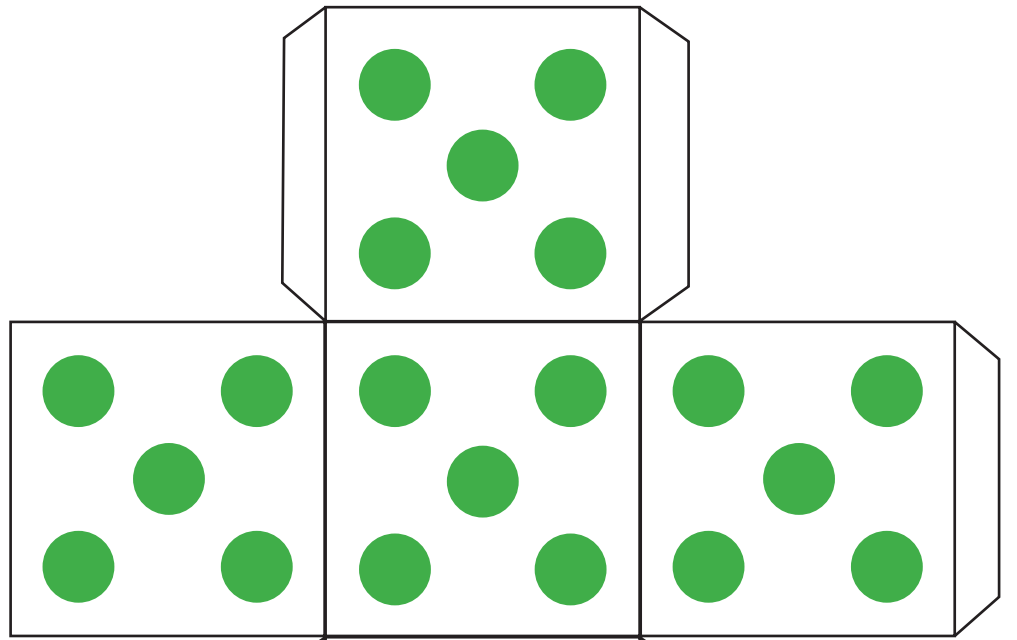
It's important to bear in mind that most 4 and 5-year-olds will count the pips on a pair of dice by starting from one every time – as if they are recreating the number from scratch. This is very typical. As they grow older, they slowly but surely begin to conceptualize numbers as stable quantities. Consequently, older children can be expected to treat 5 as a constant during this particular game. In other words, after rolling 2, an older child can be expected to simply say, "FIVE" and then add the second number or count on, for example, "FIVE ... six ... seven".

Did you know? We use the dice that displays only 5's to create an equal probability of rolling each of the numbers 6 to 10 during this game. If a pair of normal dice were used, it could easily become exhausting for a child to try and roll 9 and 10 as there would be a much lower probability of those numbers showing up.<sup>4</sup>

# GAME BOARD

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