

## Snake and Ladder



### Game Suggestions:

#### Snake and Ladder

Accessories: Dice

Played with any number of participants + a helper to help pick up the dice. The first to reach 100 wins.

If a player is lucky to land at the bottom of a ladder, they may climb to the top.

However, if the player is unlucky to land at a snake head, they are moved to the end of the snake's tail.

#### Addition, Subtraction or Multiplication

Accessories: Bean bag

By using Addition, Subtraction or Multiplication two teams play against each other. One team throws the bean bags and the other team calculate the sum. Make a contest, by playing against the minutes.

#### Math Tables

Accessories: None

Participants jump the math tables. Can be varied by restricting which fields the players may land upon.

#### Everyday Math!

Accessories: Bean bag

Find situations from your everyday life, and make assignments. Like e.g make an addition by adding the sum of the players age and make the other team jump to the right number. Instead of adding the numbers, you can also multiply the numbers.

## Game Suggestions:

### Say the number!

Accessories: Bean bag

A quick simple game learning numbers.

Participants throw a bean bag and must say the name of the number the bean bag lands on

### Addition & Subtraction – with the body

Accessories: None

A participant is placed at a predetermined figure. Then split the rest of the participants into 2 groups.

The groups provide each other calculations, and it is their task to manage the participant, who is on the playing surface.

E.g. The participant is placed on number 45. One group makes the task, what is  $45+11$ ? The second group now controls the participant on the playing surface.

In addition you move the participant up and towards right - for the respective number 10s and number of 1s. So in this case, 1 square up and 1 field to the right. Facit =56

By subtraction you tell the participant to move down and left - for the respective number 10s and number of 1s. So in this case  $45 - 11$  the participant should move 1 square down and 1 left. Facit 34

Please note that you must move in the correct numeric sequence, and it may mean that you must pass across the playing surface to move properly

### Quick mental arithmetic!

Accessories: Bean bags

Participants are all fighting against everybody. A participant is appointed "judge".

E.g. the referee throws a bean bag – it lands on number 42 and the referee makes math tasks according to the number. The participants, who has the right answer, gets to be judge in the next round.

Tasks can be varied according to skills.

### Jeopardy

Accessories: Bean bags

A participant shall be appointed to "play leader" of the game. 3-4 other participants each with a bean bag stands approx. 10 meters from the playing surface.

The play leader now reads a task e.g. which number should be subtracted from 38 to gives the result 14? The participant who first runs over and place his bean bag at the correct result 24, then receives the right to answer the next task. Vary the questions according to participants' skills.

### Secret rows!

Accessories: Bean bag

A team of participants challenge another group of participants.

Ex. a team down on numbers 2, 5 and 8. The other team must then find out what the next number in the series is.

## Game Suggestions:

### Find prime numbers between 1 and 100

Accessories: Bean bag

A prime number is a positive integer greater than 1, which can only be shared with the number 1 and the number itself.

Primality of hopscotch pane: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89 and 97

Participants can give each other tasks in finding these numbers, e.g. find all prime numbers from 0-50 or 50-99. Another task could be, locate and mark all the prime numbers in hopscotch pane on the fastest time.

### Find numbers lower than e.g. 50

Accessories: None

The participant thinks of a number e.g. under 50. The other participants have to guess this number and can ask questions based on tables; e.g. is the number 7 in the table?

### Beanbag

Accessories: Bean bag

One against one. Throw the bean bag and the other player has to get to the bean bag as fast as possible. He can only hop on one leg and only use the numbers in e.g. the three times table. Or pick a number and see who throws the beanbag closest to the number.

### Understanding numbers in tens and ones

Accessories: Bean bag

To facilitate understanding of the number of 10s and 1s in the numbers up to 99 practice quite simple.

E.g. find the number 57 - by placing themselves on the field. Afterwards, the participant jump five 10s forwards and seven 1s to the right. This provides an understanding of the correct number.

### Interdisciplinary

Accessories: a cone per player/team

The game is that you get from 0-99 first. To earn the right to turn a cube, you must first answer a question.

### "3-in-stripes" or "4-on-a-row"

Accessories: Bean bags / Plastic ring

Participants use the playing surface with 10x10 fields to traditional 4-on-a-row game or variant for 3-on-a-row. Participants take turns by placing a bean bag / plastic ring. The winner is the player who first gets 3 or 4 in a row.

In order to get movement in the game, a cone can be placed with ex. 5-10 feet away from the game. Then each participant must run back and forth to this cone, to achieve the right to place a playing piece.