

## SKIP COUNTING MAZES BY 2s AND 10s

<b>Level</b>	0 (Age group 4 – 5)
<b>Resources Required</b>	Print out grids, colors
<b>Alternate Options for the Resources</b>	<p>Adults are to create the skip counting maze for skip counting by 2s, using a paper and drawing a grid as shown in the images/illustrations section (copy the same numbers) or follow the steps below:</p> <ol style="list-style-type: none"> <li>1. Draw 11 vertical lines that are equally spaced.</li> <li>2. Draw 10 horizontal lines that are equally spaced, crossing the previously drawn horizontal lines.</li> <li>3. This should have drawn a grid with 100 squares in it, in each square write the numbers as shown in the image below.</li> </ol> <p>In a similar manner, draw a skip counting maze for skip counting by 10s. See the images/illustrations section. Each player should have these two mazes at the beginning of the game.</p>
<b>Strand Covered</b>	Numbers and Operations
<b>Targeted Skills</b>	Skip counting by 2s and 10s
<b>Inspired by</b>	<a href="#">123 home school for me - Beth Gorden</a>
<b>Time Required</b>	20 minutes to prepare 20 minutes to play
<b>Previous Learning Required</b>	Knowledge of Count numbers 1 - 100 Skip counting by 2s and 10s
<b>Support Required</b>	Medium supervision

### Rules of the Game:

<b>Goal</b>	The first player to correctly complete each maze
<b>Rules</b>	Players are allowed to erase their coloring or symbols and change the path 3 times.
<b>Steps</b>	<p>Step 1: Adult I prepares the two mazes , each player should have two skip counting mazes. One maze will be used to skip counting by 2s and the other maze will be used to skip counting by 10s.</p> <p>Step 2: Ask the players to use their colors or two different symbols (circles, underline the numbers) to find their way from 2-50 on the first maze and from 1-100 on the second maze. The players are required to color each box on their way.</p>

Step 3: The player that correctly completes the path of counting by twos as first round wins then the player that correctly completes the second maze of counting by 10s first will win the round.

Images or Illustrations

Print out grid of a maze for skip counting by 2s:

START →	2	4	6	6	7	2	1	3	4
4	2	3	8	9	8	3	2	50	END! 
1	14	12	10	10	9	6	7	48	9
5	16	1	12	11	3	10	11	46	8
13	18	20	22	12	18	19	42	44	20
11	16	15	24	23	24	38	40	1	21
15	17	11	26	28	10	36	3	30	2
3	18	19	20	30	32	34	28	29	1

Answer key for skip counting by 2s:

 **Skip Counting by 2s**  
Using a marker, crayon, or dot-a-dot bingo marker, find your way from 2 to 50 counting by 2s in numerical order to complete the maze!

START →	2	4	6	6	7	2	1	3	4
4	2	3	8	9	8	3	2	50	END! 
1	14	12	10	10	9	6	7	48	9
5	16	1	12	11	3	10	11	46	8
13	18	20	22	12	18	19	42	44	20
11	16	15	24	23	24	38	40	1	21
15	17	11	26	28	10	36	3	30	2
3	18	19	20	30	32	34	28	29	1

Print out grid of a maze for skip counting by 10s:

Skip Counting by 10s

1	10	20	18	24	26	28	30
10	15	21	54	63	72	81	72
20	30	40	50	36	72	90	73
6	42	14	60	70	80	99	65
8	49	62	60	80	90	100	
10	56	63	70	77	96	98	84

Answer key for skip counting by 10s:

Skip Counting by 10s

1	10	20	18	24	26	28	30
10	15	21	54	63	72	81	72
20	30	40	50	36	72	90	73
6	42	14	60	70	80	99	65
8	49	62	60	80	90	100	
10	56	63	70	77	96	98	84

**Variations of the Game**

Play the game with different sized and shape mazes.

**Enrichment**

Have players to create their own mazes and challenge each other to complete

	their hand-made mazes as fast as possible
<b>Simplification</b>	The game can be played with smaller mazes for numbers between 0-20 for skip counting by 2s, numbers 1-100 for skip counting by 10s.