

# Sudoku Puzzles for Problem-Solving

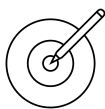
30 min

Non-Academic

Problem-Solving

Difficulty Level: Low

## Objective:



- To increase the students' comfort with numbers.
- To introduce logic to them through puzzles like Sudoku.
- To develop problem-solving skills in an engaging manner.

## What You Need:



- Printed Sudoku puzzles for all students (at the end of the module)
- Pencils
- Erasers

## Process:



- Start with introducing the concept of a Sudoku puzzle and give the children a little background or some interesting facts about the puzzles. For example: How sudoku competitions are held worldwide. This will help pique their interest and engage with the puzzles in a fun, exciting manner.
- Start with an easy 4\*4 puzzle and teach them how to solve it.
- Let the students work on the worksheets independently and make sure they are trying to solve the puzzle.
- Discuss the different problem solving approaches that the students used to complete the puzzle, with the whole class and try making this into a participative student led discussion.
- As the sessions go on, increase the difficulty level of the puzzles.

# SUDOKU

4			2
	2	1	
2	3	4	1

		3	6		
	2				4
5				6	
	3				5
3				1	
		1	4		



SWaTaleem