

Objective

By the end of this lesson, you will be able to solve a Sudoku puzzle on your own!

Materials and Prep

Materials needed: A Sudoku puzzle sheet (can be printed out), a pencil

Things to know: Understand the concept of numbers 1-9 and how to fill in a grid

Activities

- Start with an easy 4x4 Sudoku puzzle to get the hang of it. Fill in the empty squares with numbers 1-4, making sure each row, column, and 2x2 subgrid has all the numbers.
- Move on to a 6x6 Sudoku puzzle. This time, use numbers 1-6 and ensure each row, column, and 2x3 subgrid has all the numbers.
- Challenge yourself with a 9x9 Sudoku puzzle. Fill in the grid with numbers 1-9, making sure each row, column, and 3x3 subgrid contains all the numbers.

Talking Points

- "In Sudoku, we need to fill in the grid with numbers from 1 to 9 without repeating any number in the same row, column, or subgrid."
- "Each number must appear only once in each row, column, and subgrid."
- "If you get stuck, try to find where a number is missing and see if you can figure out what number should go there."
- "Remember, Sudoku is like a fun math puzzle where you get to use your logic and problem-solving skills!"