

VALUES

TITLE: Sudoku

AGE GROUP: 7+

DURATION: 30 – 45 min

LEARNING OUTCOME: Enable learners to develop appropriate values, habits and attitudes when handling money

KEY CONCEPTS: attention to details, patience, discipline, following the rules, memory

MATERIALS NEEDED: Printed sudoku or a computer version of sudoku

LESSON DESCRIPTION:

Sudoku puzzles are an enjoyable way to pass the time, and great brain exercise! In the Japanese language, the word "sudoku" means "a single number", and that's what each puzzle is about. You have to find the single correct number that goes into each empty square of the grid until it is complete. It's all about logical problem-solving - no guessing involved.

The objective is to fill a 9×9 grid with digits so that each column, each row, and each of the nine 3×3 subgrids that compose the grid (also called "boxes", "blocks", or "regions") contain all of the digits from 1 to 9. The puzzle setter provides a partially completed grid, which for a well-posed puzzle has a single solution.

Completed games are always an example of a Latin square which include an additional constraint on the contents of individual regions. For example, the same single integer may not appear twice in the same row, column, or any of the nine 3×3 subregions of the 9×9 playing board.

Although the 9×9 grid with 3×3 regions is by far the most common, many other variations exist.

If you have never done a sudoku before, here's a useful Youtube video that explains how they work <https://www.youtube.com/watch?v=4qmKR3997LQ>. Have a go at these free puzzles from sudoku.com.

<https://sudoku.com/>

Start with the "Beginner" level under "Difficulty"